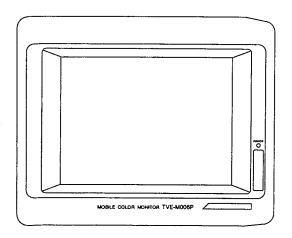
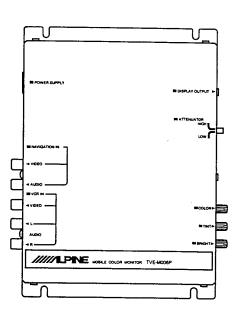


5.6-inch Mobile Color Monitor Unit

● This model is component system unit of AV Interface Unit and Monitor Unit.





Contents

Packing Assembly Parts List Packing Method View

AV Interface Unit

Specifications
Adjustment Procedures
Parts Layout on P.C.Board and Wiring Diagram
Schematic Diagram
Terminal Voltage of IC/TR
Electrical Parts List
Exploded View (Cabinet)
Cabinet Assembly Parts List

Monitor Unit

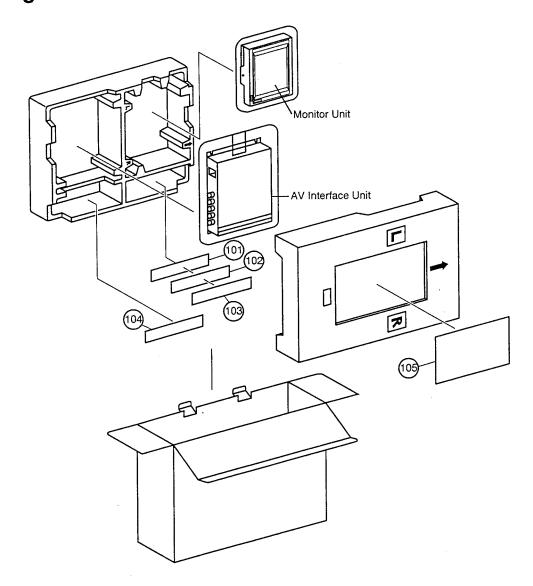
Specifications
Adjustment Procedures
Parts Layout on P.C.Boards and Wiring Diagram
Schematic Diagram
Terminal Voltage of IC/TR
Electrical Parts List
Exploded View (Cabinet)
Cabinet Assembly Parts List

NOTE: Due to continuing product improvement, specifications and designs are subject to change without notice.

Packing Assembly Parts List

Symbol No.	Part No.	Description	Symbol No.	Part No.	Description
101 102 103-1	01T85426W02 01T25930W08 03S40018G07	Assy., Cable Assy., Power Wire Screw, Tapping (M4X14)			
103-2 104	75T58346F01 01T85360W01	Pad, Magic Tape Stand, ETST6			
105	68P81384W33	Owner's Manual			

Packing Method View



AV Interface Unit

Contents

Specifications
Adjustment Procedures
Parts Layout on P.C.Board and Wiring Diagram
Schematic Diagram
Terminal Voltage of IC/TR
Electrical Parts List
Exploded View (Cabinet)
Cabinet Assembly Parts List

Specifications

Output	VIDEO : 1Vp-p
· ·	AUDIO : 500mV
Input	VIDEO : 1Vp-F
mput	AUDIO: 500mV
FSC	PAL: 4.433618MHz±300Hz
	NTSC : 3.579545MHz ±300Hz
Audio Attenuator	HIGH : ±0dE
	LOW:-6dF
Power Supply	DC14.4V (11~16V allowable)
- 1 1 -1	8 IUS 23 Transisions 5 Diodes 1 Zener Diodes
Dimensions (WXHXD)	145×29×182mm
Weight	540g
a a constitution of the co	

NOTE: Due to Continuing product improvement, specifications and designs are subject to change without notice.

Adjustment Procedures

1) Preparation for adjustments

- ① Connect the AV interface unit to the Monitor unit .
- ② Connect the DC voltage regulator power supply of 14.4±0.1V to the power supply connector (ET801).
- (3) Set each switch / Volume of the AV interface unit to the following position.

Oct Cacif Circles of the first state of the	
ATTENUATOR Level switch (S201)	[HIGH]
· Volume, COLOR (VR906) / TINT (VR907) / BRIGHT (VR908)	[Center Position]
Set each switch of the Monitor unit to the following position.	
Main POWER Switich (S500)	[STAND BY]
DIMMER Switich (S501)	[HIGH]

2) Adjustment procedures

- \odot Connect the DC voltmeter between T.P.1 and GND. Adjust VR901 unit the voltage level between T.P.s above becomes 0.95 \pm 0.1V.
- \odot Connect the DC voltmeter between T.P.2 and GND. Adjust VR902 unit the voltage level between T.P.s above becomes 1.38 \pm 0.1V.
- \odot Connect the DC voltmeter between T.P.3 and GND. Adjust VR903 unit the voltage level between T.P.s above becomes 0.5 ± 0.1 V.
- ④ Connect the DC voltmeter between T.P.4 and GND. Adjust VR904 unit the voltage level between T.P.s above becomes 2.5±0.1V.
- ⑤ Connect the DC voltmeter between T.P.5 and GND. Adjust VR905 unit the voltage level between T.P.s above becomes 3.5±0.1V.

Terminal Voltage of IC/TR

 IC201
 IC803
 IC902
 IC903, 904

 8
 8V
 1
 5V
 35
 5V
 7
 8V

 3
 10.5V
 7
 8V

	E	С	В
Q801	14.2V	14.1V	
Q803	13.4V	13.3V	
Q805	13.4V	\ -	
Q806	14V	PS	_
Q807	8.1V	13.3V	

NOTE: For the terminal voltage not mentiond, the voltage indication is omitted for the voltage varies depend on the operation mode.

[Measuring Conditions]

• Power Supply Voltage : DC14.4V

Measuring MeterDigital Multi VoltmeterMeasuring Point ReferenceBetween Ground

Measuring Conditions : Monitor Unit Connection

Electrical Parts List

Resistor: Carbon resistors under 1/4 watts are not mentioned in the parts list, please confirm them by schematic diagram.

F=microfarads,pF=picofarads Capacitor: Description Part No. Abbreviations Symbol No. RES.= Resistor CAP .= Capacitor ELY .= Electrolytic C.F.= Carbon Film CER.= Ceramic M.F.= Metal Film Diodes CP., DSM10 D401 48T15512W01 MYL.= Mylar M.O.= Metal Oxide Film D402 48T15702W01 CP., SB05-05CP TAN.= Tantalum M.P.= Metal Plate POLY .= Polystyrol D403 48T15702W01 CP., SB05-05CP TR. = Transistor 48T15512W01 CP., DSM10 PP. = Polypropylene D802 TRANS.= Transformer D803 48T75066W01 CP., F2J4S PLT.= Polyethylene CP. = Chip PF. = Polyester Film ZD802 48T62934F35 Zener, CP. RD8.2MB3 Description Part No. Symbol No. BOX P.C.Board Coils IC's 25C40894G10 Choke Filter L801 IC201 51T93338F01 NJM4560E Inductor, 47µH TC4W53F L804 24T75266W09 IC202 51T45178W02 24T75195W48 Inductor, CP. 68µH TL5001 L902 IC801 51T75523W01 24T75195W48 Inductor, CP. 68µH 51T65483W02 PQ05SZ51 L903 IC803 24T75195W44 Inductor, CP. 33µH 51T65249W01 NJM2235M L904 IC901 51T85451W01 TA8795BF IC902 NJM2267M IC903 51T85419W01 51T85419W01 NJM2267M IC904 Crystal X901 91T94641F02 3.579545MHz 4.433619MHz X902 91T94641F22 91T85054W02 CER. Lock, CP. CSBF503JF560 X903 (512KHz) Transistors CP., 2SC2412K Q201 48T63417F01 CP., DTC144K Q401 48T62967F04 48T62967F21 CP., DTC124TK Q402 48T62967F21 CP., DTC124TK Q403 CP., NFM61RH20T332 Z801 91T55325W08 CP., 2SC2412K Q404 48T63417F01 91T85504W01 CP., FST (2.3MHz) Z901 CP., DTC143TK 48T62967F23 Q405 48T63417F01 CP., 2SC2412K Q407 48T62967F23 CP., DTC143TK O408 CP., 2SB1261 Q801 48T15511W02 48T62967F23 CP., DTC143TK Surge Absorber Q802 ZNR801 48T85018W01 6KA24L 48T15511W02 CP., 2SB1261 Q803 CP., DTC143TK 48T62967F23 Q804 48T62966F02 CP., DTA114 Q805 CP., 2SB952A 48T85527W01 Q806 CP., 2SD874A Capacitors 48T73023F01 Q807 08S65128F10 CP., CP., 2SC2412K E201 23T75478W15 ELY., 10μF / 16V Q901 48T63417F01 C202 08S65128F27 CP., 47pF 48T63420F01 CP., 2SA1037K Q902 CP., 2SC2412K E202 23T75478W15 ELY., 10μF / 16V 48T63417F01 O903 CP., 47pF CP., 2SC2412K C203 08S65128F27 48T63417F01 O904 CP., 2SC2412K Q905 48T63417F01 23T75478W15 ELY., 10μF / 16V E203 CP.. 48T63417F01 C204 08S65128F10 8pF CP., 2SC2412K Q906 10μF / 16V 23T75478W15 ELY., F204 Q907 48T62967F09 CP., DTC114TK C205 08S65128F76 CP., 0.1uF 48T62967F09 CP., DTC114TK Q908

Cumbal	Part No.	Description	Symbol	Part No.	Description
Symbol	Fait No.	Bescription	No.	' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	20001151.011
No.	23T75478W15	ELY., 10μF / 16V	C912	08S82122F13	CP., 10pF
E205	1	CP., 0.1μF	E912	23T75478W15	ELY., 10μF / 16V
C206	08S65128F76	ELY., 100µF / 16V	C913	08S65128F72	CP., 0.022µF
E206	23T75478W19	1	E913	23T75478W37	ELY., 1μF / 50V
E207	23T75478W16	ELY., 22µF / 16V	i i		1 ' '
E208	23T75478W15	ELY., 10μF / 16V	C914	08S82122F16	CP., 13pF
E209	23T75478W33	ELY., 0.1μF / 50V	E914	23T75478W15	ELY., 10μF / 16V
E210	23T75478W16	ELY., 22μF / 16V	C915	08\$65128F69	CP., 0.01μF
E401	23T75478W37	ELY., 1μF / 50V	E915	23T75478W37	ELY., 1μF / 50V
E402	23T75478W37	ELY., 1μF / 50V	C916	08S65128F72	CP., 0.022μF
C801	08S65128F76	CP., 0.1μF	E916	23T75478W38	ELY., 2.2μF / 50V
į.					
E801	23T75479W63	ELY., 2200μF / 16V	C917	08S65128F12	CP., 10pF
E802	23T75478W15	ELY., 10μF / 16V	C918	08S65128F17	CP., 18pF
C803	08S65128F76	CP., 0.1μF	E918	23T75478W15	ELY., 10μF / 16V
E803	23T75478W15	ELY., 10μF / 16V	C919	08S65128F69	CP., 0.01μF
C804	08S65128F76	CP., 0.1μF	C920	08S65128F76	CP., 0.1μF
C807	08S65128F76	CP., 0.1μF	E920	23T75478W15	ELY., 10μF / 16V
E807	23T75479W27	ELY., 470µF / 16V	C921	08S65128F69	CP., 0.01μF
C808	08S65128F76	CP., 0.1μF	E921	23T75478W19	ELY., 100μF / 16V
E808	23T75479W63	ELY., 2200µF / 16V	C922	08S65128F69	CP., 0.01µF
C809	08S65128F76	CP., 0.1μF	E922	23T75478W40	ELY., 4.7µF / 50V
0005	00000120110				
E809	23T75479W63	ELY., 2200μF / 16V	C923	08S65128F69	CP., 0.01μF
E811	23T75478W15	ELY., 10µF / 16V	E923	23T75478W16	ELY., 22μF / 16V
E812	23T75478W18	ELY., 47μF / 16V	C924	08S65128F69	CP., 0.01μF
C813	08S65128F76	CP., 0.1µF	E924	23T75478W19	ELY., 100μF / 16V
1	23T75478W15	ELY., 10µF / 16V	C925	08S65128F76	CP., 0.1μF
E813	231734701713	C21., 10p. 1101	11		,,
E814	23S55311W51	CP., TAN. 1µF/25V	E925	23T75478W40	ELY., 4.7μF / 50V
E815	23T75479W27	ELY., 470µF / 16V	C926	08\$65128F76	CP., 0.1μF
1	08S65128F76	CP., 0.1μF	E926	23T75478W16	ELY., 22μF / 16V
C901	23T75478W20	ELY., 220μF / 16V	E927	23T75478W19	ELY., 100μF / 16V
E901	08S65128F21	CP., 27pF	E928	23T75478W19	ELY., 100µF / 16V
C902	08565126721	Or ., 27pi		201701101110	., , , , , , , , , , , , , , , , , , ,
F000	23T75478W20	ELY., 220µF / 16V	E929	23T75478W40	ELY., 4.7μF / 50V
E902	08S65128F69	CP., 0.01µF	E930	23T75478W16	ELY., 22μF / 16V
C903	1	ELY., 22μF / 16V	E931	23T75478W19	ELY., 100μF / 16V
E903	23T75478W16	CP., 0.01μF	E932	23T75478W40	ELY., 4.7μF / 50V
C904	08S65128F69	ELY., 22µF / 16V	E933	23T75478W16	ELY., 22μF / 16V
E904	23T75478W16	ΕΕΓ., 22μ / 100		201704701170	224, 710
	00005100500	CP 0.01.:E	E934	23T75478W19	ELY., 100μF / 16V
C905	08S65128F69	CP., 0.01μF ELY., 100μF / 16V	E935	23T75478W15	ELY., 100µF / 16V
E905	23T75478W19		C997	23S82372F18	ELY., (Β.Ρ) 1μF/50V
C906	08S65128F69	CP., 0.01μF	C999	23\$82372F18	ELY., (B.P) 1µF/50V
E906	23T75478W15	ELY., 10μF / 16V	ll Casa	20002012110	εωτ., τωτ / τωτ / 30 ν
C907	08S65128F69	CP., 0.01μF	11		
	00775 1701115	10.E / 16.V	11		
E907	23T75478W15	ELY., 10μF / 16V	11		(All resistors are chip 1/10W±5%
C908	08S65128F28	CP., 51pF	n=-		
E908	23T75478W15	ELY., 10μF / 16V		stors	unless otherwise noted.)
C909	08S65128F20	CP., 24pF	R201	06S64995F84	20K ohm
E909	23T75478W37	ELY., 1µF / 50V	R202	06S64995F84	20K ohm
			R203	06S64995F84	20K ohm
C910	08S65128F72	CP., 0.022μF	R204	06\$64995F77	10K ohm
E910	23T75478W37	ELY., 1μF / 50V	R205	06S64995F77	10K ohm
C911	08S65128F69	CP., 0.01μF	11		
E 911	23T75478W15	ELY., 10μF / 16V	R206	06S64995F84	20K ohm
L			<u> </u>		

Symbol	Part No.	Description	Symbol No.	Part No.	Description
No. R207	06S64995F84	20K ohm	R827	06S70072F32	130 ohm 1/4W
R208	06S64995F84	20K ohm	R903	06S64995F26	75 ohm
1	06S64995F84	20K ohm	R904	06S64995F26	75 ohm
R209	06S64995F77	10K ohm	R905	06S64995F29	100 ohm
R210	06S64995F77	10K ohm	R907	06S64995F84	20K ohm
R211	06564995177	Talk Siiiii	1,00,		
	0000 4006E00	100K ohm	R908	06S64995F84	20K ohm
R213	06S64996F02	1K ohm	R909	06S64995F53	1K ohm
R214	06S64995F53	1K ohm	R910	06S64995F53	1K ohm
R215	06S64995F53	33K ohm	R911	06S64995F41	330 ohm
R216	06S64995F89	47K ohm	R912	06S64995F53	1K ohm
R217	06S64995F93	477.0007	110,12	00004000.00	110 01111
2010	06S64995F45	470 ohm	R913	06S64995F47	560 ohm
R218	1	1K ohm	R914	06S64995F47	560 ohm
R219	06S64995F53	4.7K ohm	R915	06S64995F53	1K ohm
R401	06S64995F69	47K ohm	R916	06S64995F77	10K ohm
R402	06S64995F93 06S64995F77	10K ohm	R917	06S64995F77	10K ohm
R403	106564993F77	TON OHIT	nai/	00304993177	TOX OIIII
5.00	06564005560	4.7K ohm	R918	06S64995F77	10K ohm
R404	06S64995F69	1K ohm	R918	06S64995F77	10K ohm
R405	06S64995F53	20K ohm	R921	06S64995F97	68K ohm
R406	06S64995F84	1K ohm	R922	06S64995F76	9.1K ohm
R407	06S64995F53	2.2K ohm	R923	06S64995F92	43K ohm
R408	06S64995F61	2.2N ORTH	N923	00304995F92	45/(011111
		100K ohm	R924	06S64995F77	10K ohm
R409	06S64996F02		1 1	06S64995F97	68K ohm
R410	06S64995F84	20K ohm	R925	ł	3K ohm
R411	06S64995F93	47K ohm	R926	06S64995F64	1K ohm
R412	06S64995F81	15K ohm	R927 R928	06S64995F53	39K ohm
R413	06S64995F93	47K ohm	H920	06S64995F91	294 01111
	0000 400EE94	20K ohm	R929	06S64995F91	39K ohm
R414	06S64995F84	15K ohm	R930	06S64995F91	39K ohm
R415	06S64995F81	10K ohm	R930	06S64995F93	47K ohm
R801	06S64995F77	2.7K ohm 1/4W	R932	06S64995F55	1.2K ohm
R802	06S70072F63	2.7K ohm 1/4W	R933	06S64995F05	130K ohm
R803	06S70072F63	2.7 K OIMII 174VV	11 1933	00304990703	13013 01311
	00004005570	12K ohm	R934	06S64995F77	10K ohm
R804	06S64995F79	10K ohm	R935	06S64995F77	10K ohm
R805	06S64995F77	2.7K ohm 1/4W	R936	06S64995F77	10K ohm
R806	06S70072F63	2.7K ohm 1/4W	R937	06S64995F77	10K ohm
R807	06S70072F63	12K ohm	R938	06S64995F77	10K ohm
R808	06S64995F79	121001111		3000-000177	. 5 5
2000	06S70072F53	1K ohm 1/4W	R939	06S64996F35	5.6M ohm
R809	06S70072F53	1K ohm 1/4W	R940	06S64995F43	390 ohm
R810	l'	2.2K ohm	R941	06S64995F61	2.2K ohm
R811	06S64995F61 06S64996F10	220K ohm	R942	06S64995F70	5.1K ohm
R812		5.6K ohm	R943	06S64995F77	10K ohm
R813	06S64995F71	3.5K 61111		100004000177	.51. 61
	06564005509	75K ohm	R944	06S64996F35	5.6M ohm
R814		62K ohm	R945	06S64995F53	1K ohm
R815		30K ohm	R945	06S64996F35	5.6M ohm
R816		5.1K ohm	R946	06S64995F51	820 ohm
R817		680 ohm 1/4W	R947	06S64995F84	20K ohm
R818	06S70072F49	000 Uthii 1/444	N948	00304993704	201.01111
	00070070500	130 ohm 1/4W	BOAD	06864005594	20K ohm
R820		130 ohm 1/4W	R949	06S64995F84	
R821		130 ohm 1/4W	R950	06S64995F77	10K ohm
R822		130 ohm 1/4W	R951	06S64995F53	1K ohm 8.2K ohm
R826	06S64995F05	10 ohm	R953	06S64995F75	0.2K OHH
L			J L	1	<u> </u>

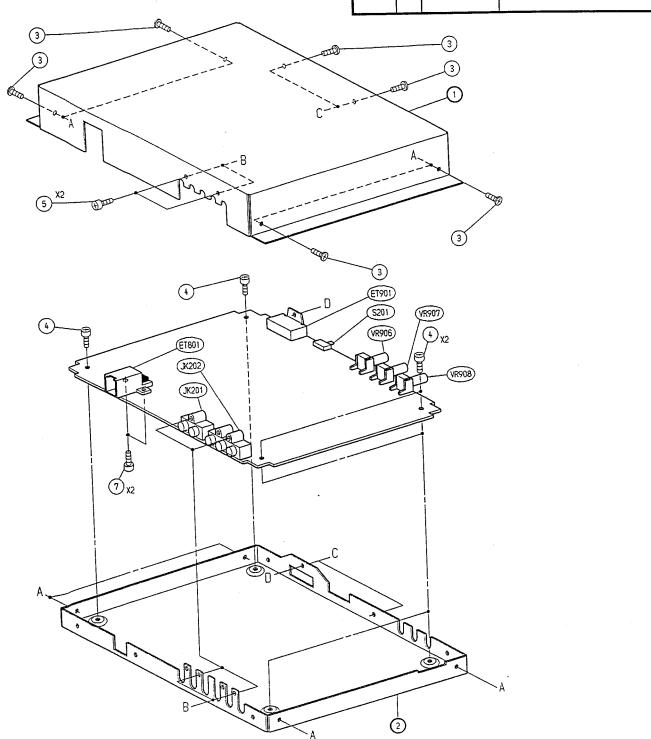
Symbol Part No. Description Symbol Part No. No.	Description
I INCO I I I INCO I I	1
R958 06S64995F85 22K ohm	
R959 06S64995F85 22K ohm	i
1, 11000	
1000	•
1301	ļ
R962 06S64995F55 1.2K ohm	
R963 06S64995F88 30K ohm	
R964 06S64995F64 3K ohm	
R965 06S64995F77 10K ohm	
R966 06S64995F84 20K ohm	
R967 06S64995F85 22K ohm	
11301 3333 133 133	i
R968 06S64995F53 1K ohm	
VR903 18T45357W13 Variable, CP. 10K ohm	
VR904 18T45357W13 Variable, CP. 10K ohm	
	İ
VR905 18T45357W13 Variable, CP. 10K ohm	l
	Į.
	,
Miscellaneous	
ET801 09T25842W08 Power Supply Connector	
JK201 09T75320W01 RCA Jack, NAVIGATION IN	
JK202 09T75321W01 RCA Jack, VCR IN	
S201 40T94668F03 Slide Switch, SSSF1214	
(ATTENUATOR HIGH/LOW)	
VR906 18T55389W06 Rotary Volume, 50K ohm	
(COLOR)	
VR907 18T55389W06 Rotary Volume, 50K ohm	
(TINT)	
VR908 18T55389W06 Rotary Volume, 50K ohm	
(BRIGHT)	
(Griden)	
	İ
	İ

Exploded View (Cabinet)

Cabinet Assembly Parts List

NOTE:No parts number on parts list are not supplied.

Symbol	Index	Part No.		Description
No.				
3		03S38013W33	Screw,	Flat (M2.6X5)
4		03S44205G48	Screw,	Pan (M2.6X5)
5		03S68555F42	Screw,	Pan (M3X6)
7		03S63857F51	Screw,	Tapping (M3X10)
		!		
ł		1		
ļ			ì	



Monitor Unit

Contents

Specifications
Adjustment Procedures
Parts Layout on P.C.Boards and Wiring Diagram
Schematic Diagram
Terminal Voltage of IC/TR
Electrical Parts List
Exploded View (Cabinet)
Cabinet Assembly Parts List

Specifications

Caroon Sizo	6-type
Display System	Low reflection rear projection type TN liquid crystal panel
Display System	Active matrix drive, normally white display
Number of Picture Flements	228, 480 pcs. NTSC (H: 960×V: 238 dots)
	230, 400 pcs. PAL (H: 960×V: 240 dots)
Light Source	Internal optical system (U-type cold cathode fluorescent tube)
Semiconductors	9 IC's, 17 Transistors, 3 Diodes, 4 Zener Diodes
Disconsions (M/VHVD)	171×127×33mm
Weight	510g
vvoigite	

NOTE: Due to Continuing product improvement, specifications and designs are subject to change without notice.

Adjustment Procedures

1) Preparation for adjustments

- Onnect the AV interface unit to the Monitor unit.
- ② Connect the DC voltage regulator power supply of 14.4±0.1V to the power supply connector (ET801).
- 3) Set each switch of the AV interface unit to the following position.
 - ATTENUATOR switch (S201)

 Volume, COLOR (VR906) / TINT (VR907) / BRIGHT (VR908)

 Set each switch of the Moniter unit to the following position.

 Main POWER Switich (S500)

 DIMMER Switich (S501)

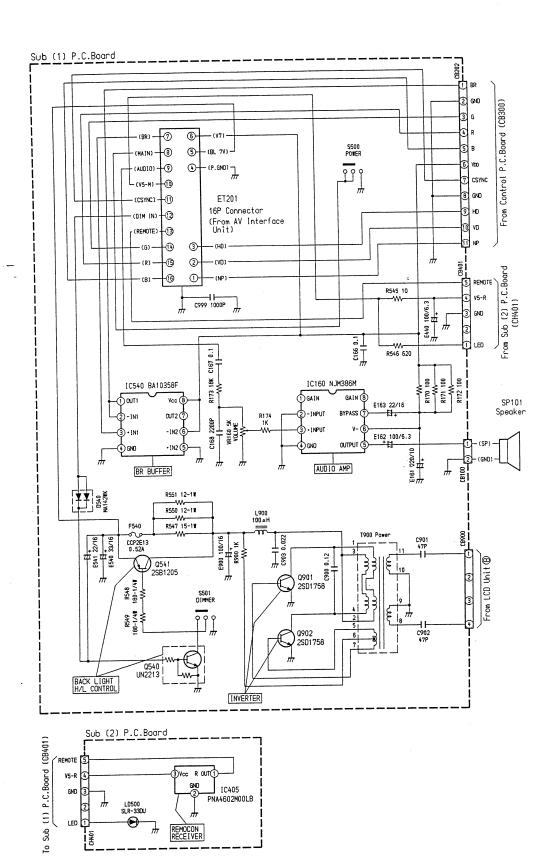
 [LOW]

 [Center Position]
- 4 Supply the composite video signal (color bar signal including 100% white) to the VIDEO input terminal (JK202-1) on the AV interface Unit.

2) Free-run frequency adjustment (VR600) - Screen centering adjustment.

- ① Connect the DC voltmeter (full-scale more than 5V, resolution 10mV) between TP600 (PLL Adjust) and TP311 (GND).
- (2) Adjust VR600 until the voltage between TPs above becomes 2.1 ± 0.1 V.

Schematic Diagram (2/2)



Terminal Voltage of IC/TR

IC	1	6	0

1.15V	Vol Min
٥٧	
0V	
0V	
3.12V	Vol Min
6.46V	Vol Min
3.19V	Vol Min
1.15V	Vol Min
	0V 0V 0V 3.12V 6.46V 3.19V

IC300

10300					
1	0V	13	waveform19		
2	waveform14	14	waveform20		
3	0V	15	waveform21		
4	1.58V	16	waveform22		
5	0V	17	waveform23		
6	waveform15	18	waveform24		
7	3.92V	19	0V		
8	0V	20	waveform25		
9	waveform16	21	4.92V		
10	waveform17	22	ov		
11	waveform18	23	4.87V		
12	0V	24	ov		

IC	301
1	4.92V
2	0V
3	7V
IC.	405
1	4.93V

4.94V

IC500 IC540

IC501

			3-10	
1	2.7V	1	4.76V	BR Min
2	2.7V	2	4.72V	BR Min
3	2.69V	3	4.75V	BR Min
4	-5.52V	4	OV	
5	2.01V	5	OV	
6	2.01V	6	7V	
7	0.776V	7	OV	
8	6.83V	8	7\	
7	0.776V	7	ov	

6.74V waveform1 -20.73V

> -20.4V -21.59V 6.83V 6.74V 6.74V

IC600

1	NC	15	0V
2	waveform32	16	waveform44
3	waveform33	17	waveform45
4	waveform34	18	waveform46
5	waveform35	19	waveform47
6	waveform36	20	waveform48
7	waveform37	21	0V
8	waveform38	22	4.92V
9	waveform39	23	4.92V
10	٥٧	24	0V
11	waveform41	25	waveform40
12	waveform42	26	waveform49
13	waveform43	27	waveform50
14	0V	28	4.92V

IC601

10001							
1	4.92V	24	waveform62	51	4.92V	73	waveform24
2	waveform79	25	0V	52	waveform48	74	waveform18
3	waveform51	26	4.92V	53	waveform47	75	0V
4	waveform80	27	waveform63	54	waveform39	76	4.92V
5	0V	28	waveform64	55	waveform38	77	waveform16
6	0V	29	waveform65	56	waveform37	78	waveform18
7	waveform52	30	0V	57	waveform36	79~81	5V
8	waveform53	31	waveform65	58	waveform35	82~84	4.96V
9	waveform54	32	waveform66	59	waveform34	85	waveform68
10	waveform55	33~36	4.95V	60	waveform33	86~88	0V
11	waveform56	37	4.9V	61	waveform32	89	4.92V
12	waveform81	38, 39	4.95V	62	waveform50	90	waveform69
13, 14	0V	40	0V	ස	waveform49	91	waveform70
15	5V	41, 42	4.9V	64	4.92V	92	waveform71
16	OV	43	waveform40	65	waveform67	93	waveform72
17	waveform57	44	waveform41	66	waveform63	94	waveform73
18	OV	45	waveform42	67	waveform24	95	waveform74
19	waveform58	46	waveform43	68	waveform23	96	waveform75
20	waveform59	47	waveform44	69	waveform22	97	waveform76
21	waveform60	48	waveform45	70	waveform21	98	waveform77
22	waveform61	49	waveform46	71	waveform20	99	waveform78
23	0V	50	0V	72	waveform19	100	0V

	Ε	С	В	MODE
Q303	waveform14	OV	waveform9	
Q304	1.56V	OV	waveform11	
Q305	waveform15	٥٧	1.8V	
Q500	-5.52V	-21.33V	-6.1V	
Q504	4.92V	waveform2	waveform3	
Q540	OV	6.6V	7∨	RL - LOW
Q541	7.08V	6.98V	6.3V	BL - High

	1	2	3	4	5	6
Q301	waveform9	waveform10	3.18V	waveform11	waveform12	3.18V
Q302	4.86V	waveform13	3.18V	1.8V	3.79V	3.18V
Q501	0.265V	OV	0.265V	-21.59V	0.265V	0V
Q502	waveform5	waveform5	0V	waveform6	waveform5	0V
Q503	waveform6	waveform7	-21.33V	waveform7	waveform7	-21.33V
Q600	waveform26	waveform26	4.92V	waveform27	waveform26	4.92V
Q601	waveform28	waveform28	4.92V	waveform29	waveform28	4.92V
Q602	waveform30	waveform30	4.92V	waveform31	waveform30	4.92V

NOTE: For the terminal voltage not mentiond, the voltage indication is omitted for the voltage varies depend on the operation mode.

[Measuring Conditions]

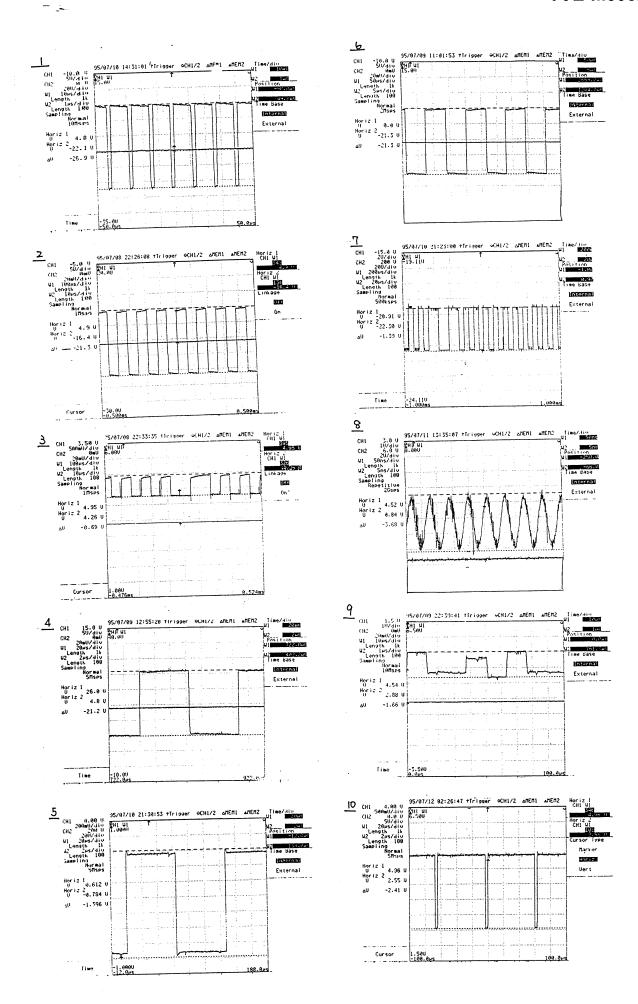
Measuring Meter

: Digital Multi Voltmeter

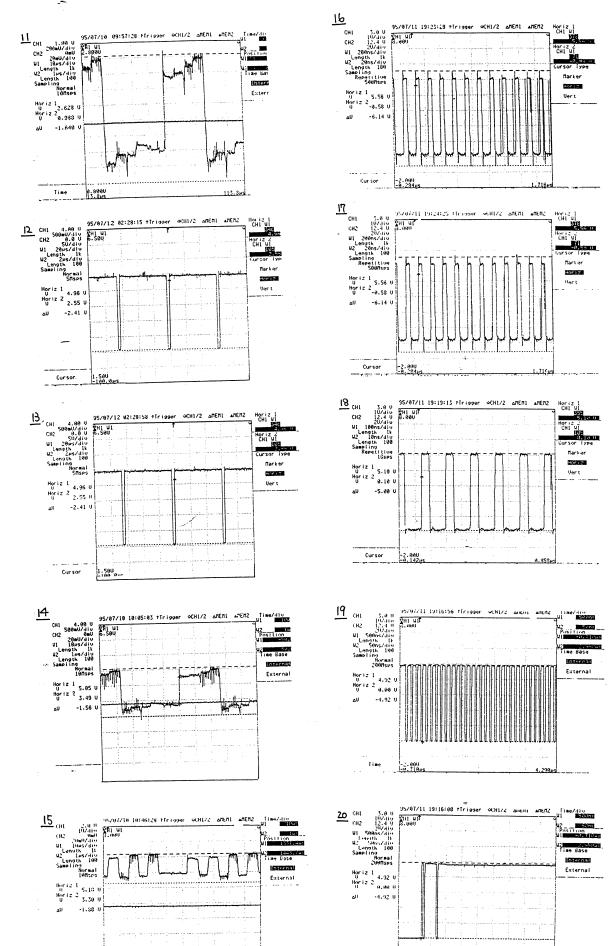
• Measuring Point Reference: Between Ground

Measuring Conditions

: AV Interface Unit Connection

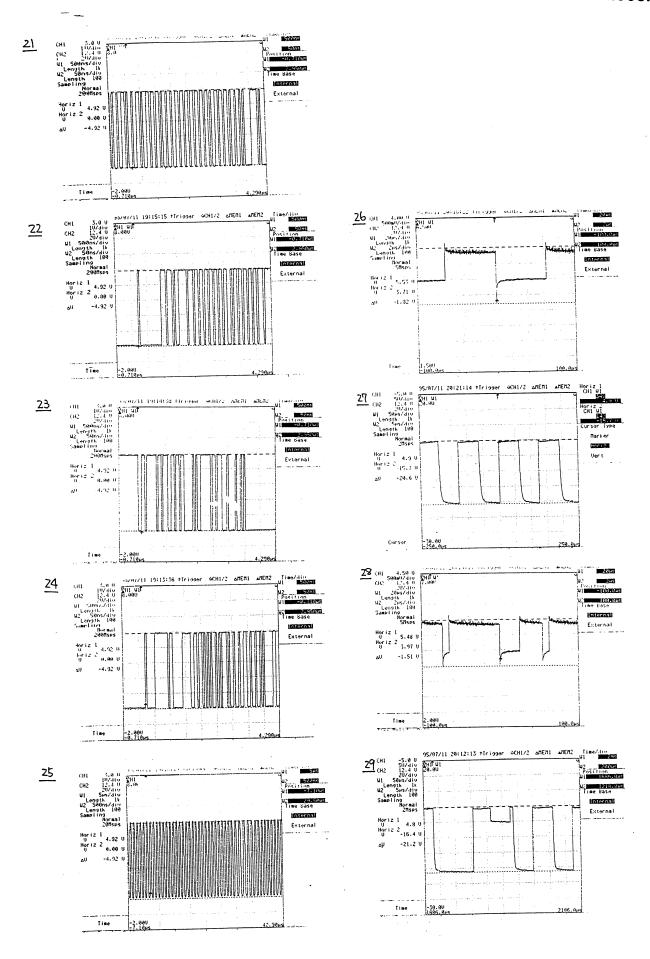


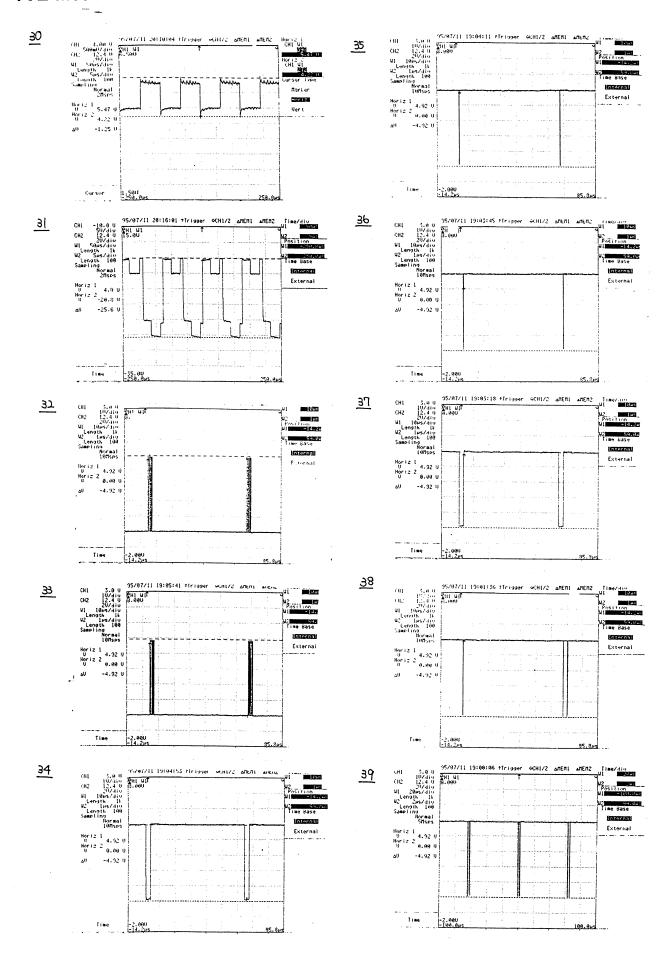
1 mer | -3.090 1737, 4ps

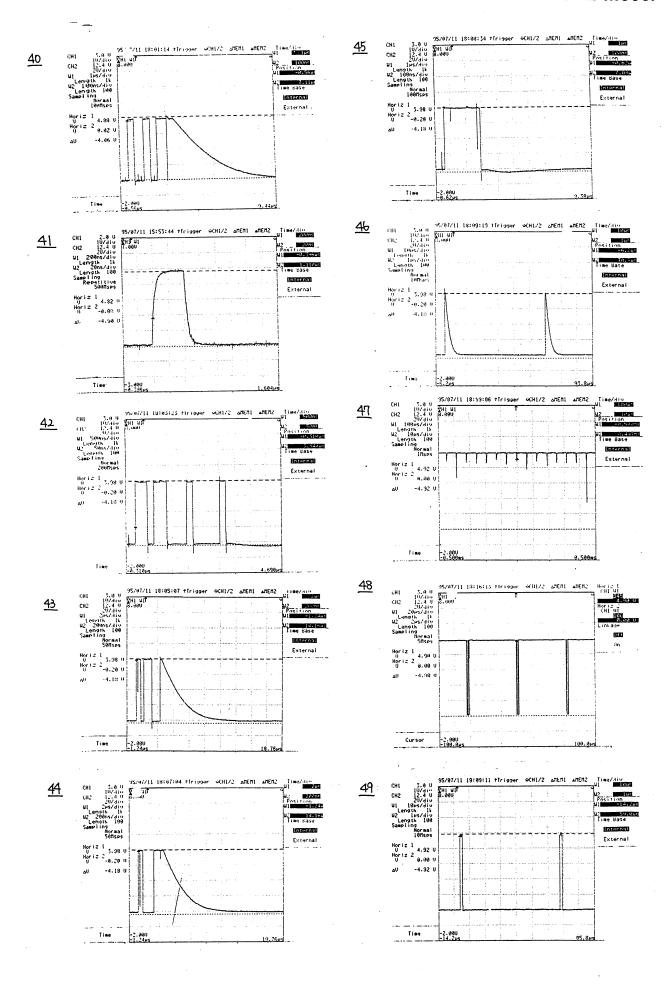


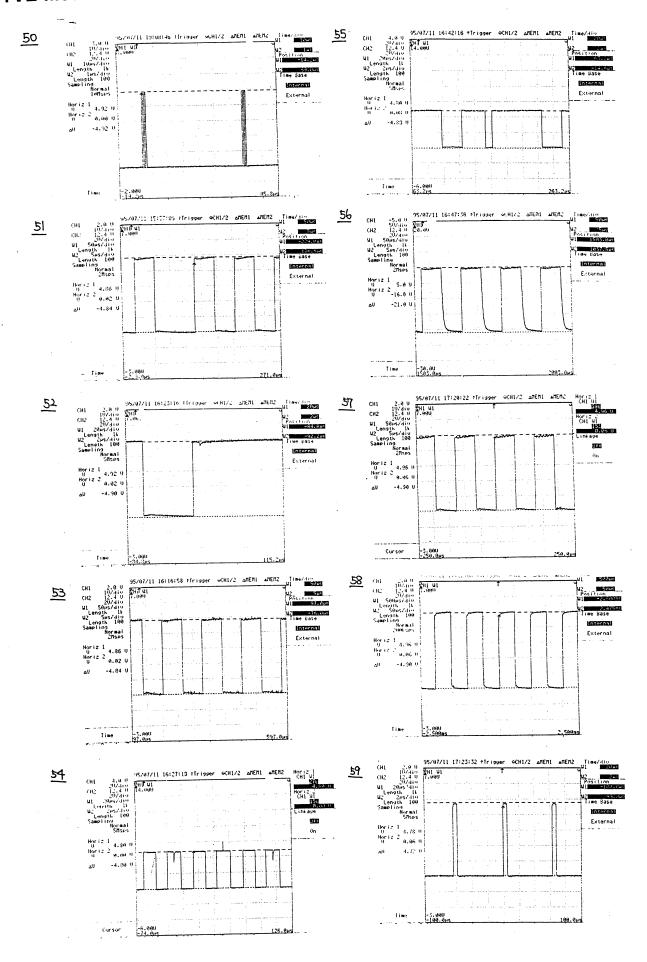
71mg -2.00U -0.710µs

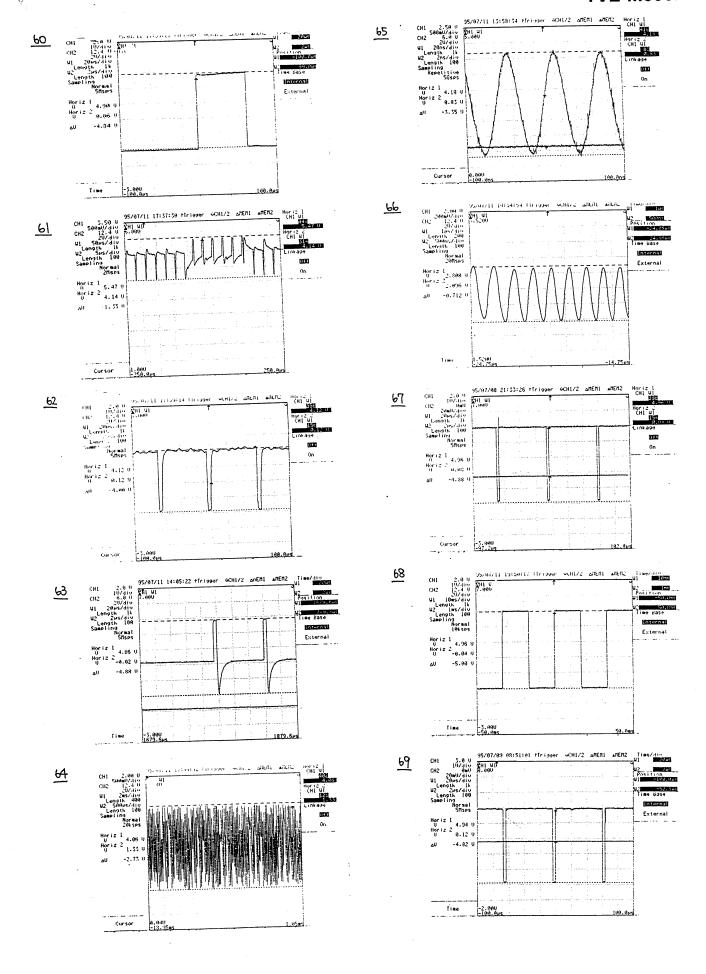
4.290µs

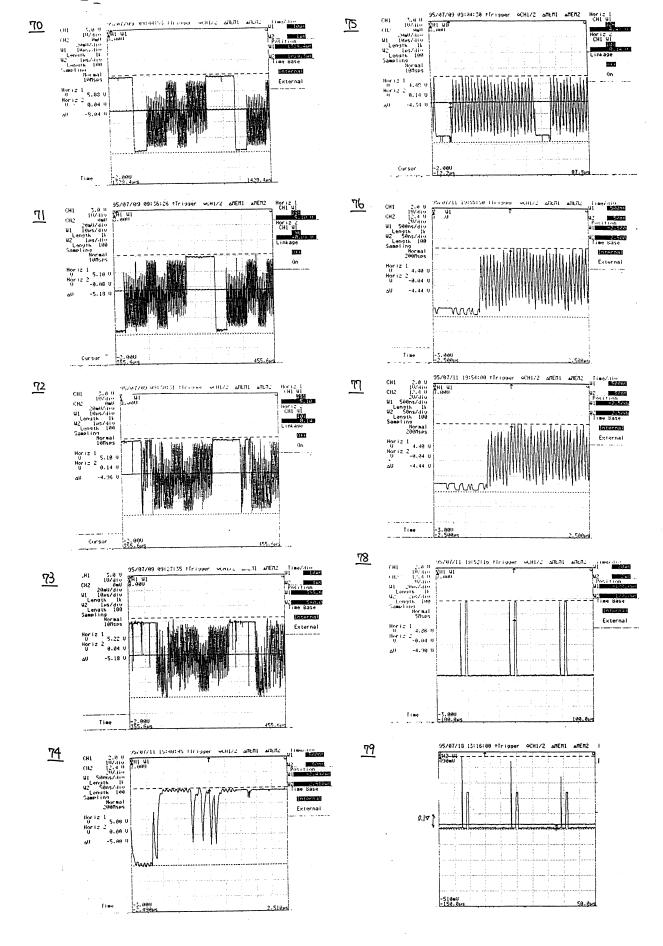


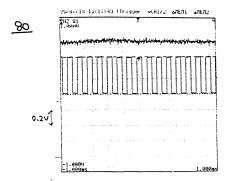


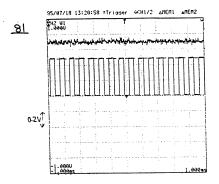












Electrical Parts List

Resistor : Carbon resistors under 1/4 watts are not mentioned in the parts list, please confirm them by schematic diagram.

F=microfarads,pF=picofarads Capacitor: Description Symbol Part No. **Abbreviations** No. CAP .= Capacitor RES.= Resistor ELY .= Electrolytic C.F.= Carbon Film Coils / Thermistor CER.= Ceramic M.F.= Metal Film 24E24499S01 Inductor, 1mH L500 MYL.= Mylar M.O.= Metal Oxide Film L600 24F24500S01 Inductor, CP. 2.7µH TAN.= Tantalum M.P.= Metal Plate 48E24557S01 Thermistor, CP. 20K ohm TH500 POLY .= Polystyrol TR. = Transistor PP. = Polypropylene TRANS.= Transformer PLT .= Polyethylene CP. = Chip PF. = Polyester Film Description Capacitors Part No. Symbol 0.01µF 08E24547S01 CP., C300 No. 100μF / 16V 23E24555S01 ELY., F300 23E24555S01 ELY., 100μF / 16V E301 Control P.C.Board 08E24540S01 CP., C302 1uF 23E24550S01 ELY., $100 \mu F / 6.3 V$ E302 IC's LC7480M 51E24491S01 IC300 C303 08E24540S01 CP.. 1μF HA178L05UA IC301 51E24494S01 CP., 0.33µF BA10358F C304 08E24541S01 IC500 51E24245S01 CP., 0.33µF 08E24541S01 M5291FP C305 IC501 51E24250S01 CP., 0.33µF 08E24541S01 CY7C281A-45JC C306 51E24492S01 IC600 23E24554S01 ELY.. 10µF / 16V E306 51E24709S01 CI5F-002 IC601 0.01µF C307 08E24547S01 CP.. 23E24556S01 ELY., (B.P) 10μF / 16V C397 23E24556S01 ELY., (B.P) 10μF / 16V C398 ELY., (B.P) C399 23E24556S01 10μF / 16V CP., 470pF C500 08E24544S01 **Transistors** CP., XN4401 48E24501S01 Q301 08E24549S01 CP.. 0.033µF C501 48E24503S01 CP., XN4601 Q302 47μF / 16V E501 23E24553S01 ELY., 48E24502S01 CP., 2SB709A 0303 CP., $0.1 \mu F$ C502 08E24543S01 Q304 48E24502S01 CP., 2SB709A 23E24552S01 ELY., 22µF / 35V E502 Q305 48E24502S01 CP., 2SB709A 23E24552S01 ELY., 22µF / 35V E503 CP., 2SB709A Q500 48E24502S01 CP., 08E24548S01 4700pF CP., XN4601 C504 Q501 48E24503S01 3.3µF / 50V 23E24551S01 ELY., CP., XN4601 E504 48F24503S01 Q502 08E24547S01 CP., 0.01µF C505 CP., XN4601 Q503 48F24503S01 10μF / 16V 23E24554S01 ELY., E505 48E24502S01 CP., 2SB709A Q504 23E24556S01 ELY., (B.P) 10µF / 16V C599 Q600 48E24503S01 CP., XN4601 08E24541S01 CP., 0.33µF C600 48E24503S01 Q601 CP., XN4601 08E24545S01 CP., 1000pF C601 48E24503S01 CP., XN4601 Q602 C602 08E24545S01 CP., 1000pF C603 08E24539S01 CP., 110pF CP., 0.1μF 08E24546S01 C604 CP.. 0.33uF 08F24541S01 C605 Diodes 08E24545S01 CP.. 1000pF C607 48E24504S01 CP., MA142WK D500 08E24541S01 CP., 0.33µF C608 48E24510S01 CP., RB110C D501 08E24545S01 CP., 1000pF C609 ZD500 48E24509S01 Zener, CP. MA3160-H 1000pF 08E24545S01 CP., C610 Zener, CP. MA3300-M ZD501 48E24505S01 Zener, CP. MA3033-H ZD600 48E24506S01 C611 08E24545S01 CP., 1000pF C612 08E24545S01 CP., 1000pF Zener, CP. MA3075-H ZD601 48E24508S01 CP., C613 08E24541S01 0.33µF Varactor, CP. 1T363 48E24507S01 VD600 CP., C614 08E24544S01 470pF

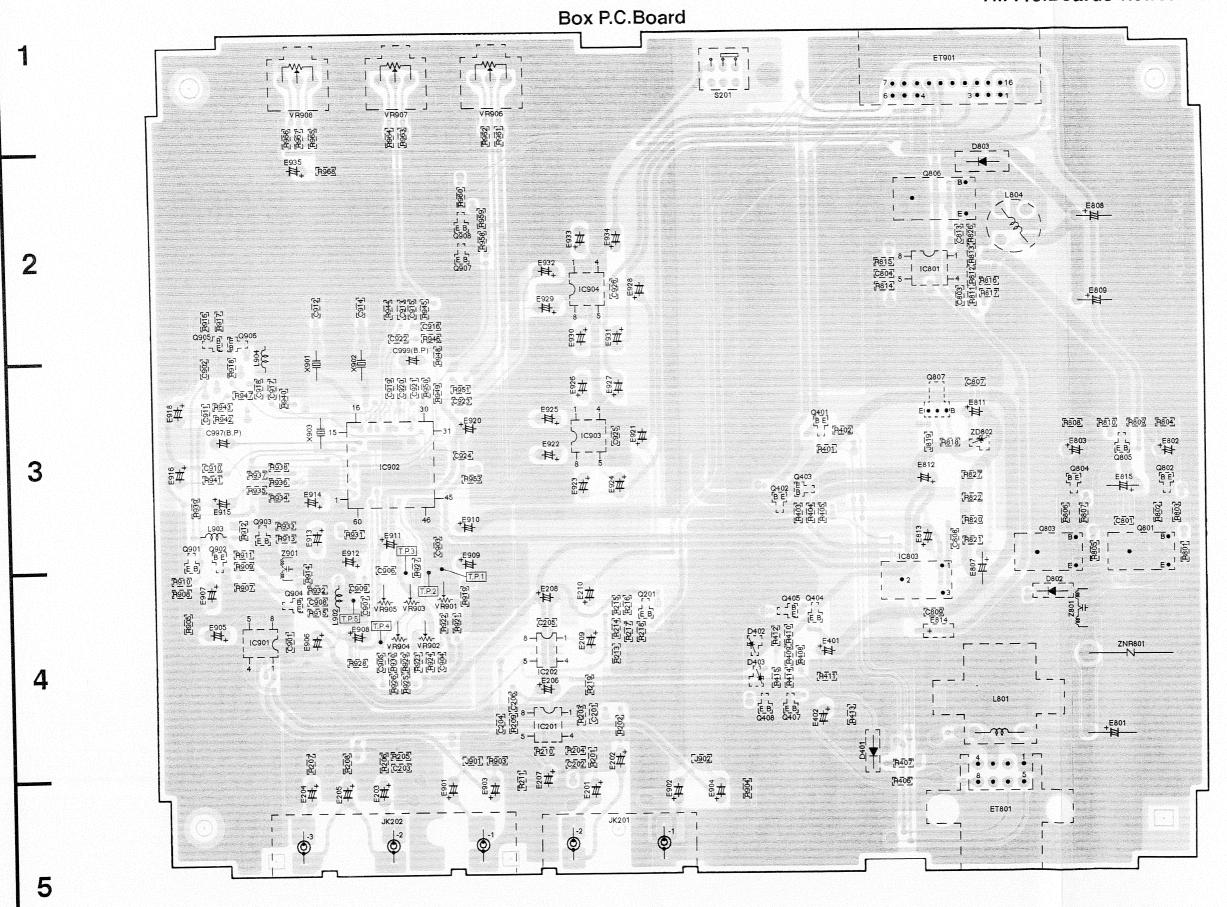
NO. OBE24545801 CP., 470pF A70pF R607 OBE24598001 27 km m C619 08E24545901 CP., 470pF R607 R627 08E2459001 22 chm C619 08E24547501 CP., 0.01µF R610 08E2459501 100 chm V16W X 4 C820 08E2457501 CP., 0.01µF R613 08E2459501 2.2 k chm C821 08E2457501 CP., 0.01µF R613 08E2459501 2.2 k chm C821 08E2457501 CP., 0.01µF R613 08E2452501 2.7 k chm R610 08E2457501 CP., 0.01µF R613 08E2452501 2.7 k chm R610 08E245801 Alk chm R613 08E2452501 2.7 k chm R620 08E245801 Alk chm R613 08E2462501 2.7 k chm R630 08E2458001 3.3 k chm R810 08E2462501 Variable, 10k chm R330 08E24625001 3.3 k chm ICS40 SIE2428501 NIMBSBM R313 08E24625001 3.3	Symbol	Part No.	Description	Symbol	Part No.	Description
Coling C					0050450000:	47V above
Color Colo	C615	08E24544S01	' '	1	l .	
CS16 OBE2454S0S1 CP.	C616	08E24542S01		1	1	i
Color Colo	C617	08E24544S01	1 '		1	I
Color Colo	C618	08E24540S01	CP., 1μF	R614	06E24537S01	1
Column C	C619	08E24547S01	CP., 0.01μF	R615	06E24530S01	3.3 ohm
ORE24547501 ORE24547501	ocao	08E24547S01	CP 0.01uF	R616	06E24521S01	2.2K ohm
Registors		ł .				2.7K ohm
Resistors	C621	08224347001	5, 1,	6	I	2.7K ohm
Call resistors are chip 1/10W±5% unless otherwise noted.) Veriable, 50K ohm Veri	l			i I	1	1
Call resistors are chip 1/10W±5% unless otherwise noted.) ResistorS				! !	i	ľ
Resistors					1.522115555	
R300				VR600	18E24497S01	Variable, 50K ohm
R302 O6E24530801 IK ohm 1/16W × 4 R303 O6E24520801 220 ohm R306 O6E24520801 220 ohm R306 O6E24520801 220 ohm R306 O6E24520801 220 ohm R308 O6E24520801 23.3K ohm R310 O6E24520801 3.3K ohm R311 O6E24520801 3.3K ohm R312 O6E24520801 3.3K ohm R313 O6E24520801 3.3K ohm R314 O6E2453010 4.7K ohm R315 O6E2453010 2.2K ohm R316 O6E2452001 2.2K ohm R317 O6E2452101 2.2K ohm R318 O6E2452101 2.2K ohm R319 O6E2452101 2.2K ohm R310 O6E2452101 3.3K ohm R310 O6E245210	Resis	tors				
SUB (1) P.C.Board	R300	06E24513S01	1K ohm	 		
R304 O6E24520S01 220 ohm R305 O6E24520S01 220 ohm R306 O6E24520S01 220 ohm R306 O6E24520S01 3.3K ohm O6E24520S01 3.3K ohm R310 O6E24520S01 3.3K ohm A.7K ohm R315 O6E24530S01 S.6K ohm O6E2452S0S01 S.6K ohm	R302	06E24538S01	1K ohm 1/16W × 4	[<u> </u>	1	
R306 06E24520S01 220 ohm	R303	06E24530S01		11		<u>.</u>
R306 06E24520501 220 ohm R308 06E24526501 3.3K ohm R310 06E24526501 3.3K ohm R313 06E24526501 3.3K ohm R314 06E24526501 4.7K ohm R315 06E24526501 2.2K ohm C300 06E2452501 2.2K ohm C300 06E2452501 0.2K ohm C300 0.2	R304	06E24520S01	220 ohm	SUB	(1) P.C.Boar	rd
R306	R305	06E24520S01	220 ohm			
R308 GE24526801 3.3K ohm R310 GE24526801 3.3K ohm GE24526801 3.5K ohm GE24521801 4.7K ohm GE24521801 2.2K ohm GE24521801 2.2K ohm Ge24521801 2.2K ohm Ge24521801 2.2K ohm Ge24521801 2.2K ohm Ge24521801 2.2K ohm Ge24521801 2.2K ohm Ge24521801 2.2K ohm Ge24521801 2.2K ohm Ge24521801 2.2K ohm Ge24521801 2.2K ohm Ge24521801 3.5K ohm Ge24521801 3.5K ohm Ge24521801 3.5K ohm Ge24521801 3.5K ohm Ge24521801 3.5K ohm Ge24527801 3.5K ohm Ge24527801 3.5K ohm Ge24528801 3.5K ohm Ge2452801 3.5K ohm Ge						
R310 GBE24528501 3.3K ohm R314 GBE24528501 3.3K ohm GBE24528501 3.3K ohm GBE24528501 3.3K ohm GBE2453801 4.7K ohm GBE2453801	R306	06E24520S01	220 ohm	IC160	1	1
R313 06E24528501 3.3K ohm 4.7K ohm Transistors	R308	06E24526S01	3.3K ohm	IC540	51E24245S01	BA10358F
R314 06E2451S01 4.7K ohm	R310	06E24526S01	3.3K ohm			
R315 O6E24516S01 1.6K ohm O540 48E24270S01 CP., UN2213 CP., 2SB1205 R313	06E24526S01	3.3K ohm	 			
R315	R314	06E24531S01	4.7K ohm			
R316 06E24533S01 5.6K ohm Q541 48E24679S01 CP., 2SB1205 Q901 48E24299S01 CP., 2SD1758 Q902 48E24289S01 CP., 2SD1758 Q902 Q90			•	Trans	sistors	
R316	R315	06E24516S01	1.6K ohm			CP., UN2213
R317 06E24521S01 2.2K ohm Q902 48E24289S01 CP., 2SD1758 Q902 48E24289S01 CP., 2SD1758 Q902 48E24289S01 CP., 2SD1758 Q902 48E24289S01 CP., 2SD1758 Q902	l l	06E24533S01	5.6K ohm	Q541	48E24679S01	CP., 2SB1205
R318 06E24521S01 02EX ohm 06E24521S01 02EX ohm 06E24521S01 02EX ohm 06E24521S01 02EX ohm 0	1	06E24521S01	2.2K ohm	Q901	48E24289S01	CP., 2SD1758
R319 06E24521S01 2.2K ohm	1	06E24521S01	2.2K ohm	Q902	48E24289S01	CP., 2SD1758
R500 06E24527801 33K ohm 18K ohm 16K	1	06E24521S01	2.2K ohm			
R502 06E24518S01 18K ohm Diode	1.0.0					
R503 R504 R504 R505 R504 R505 R506 R507 R508 R507 R508 R507 R508 R507 R508 R507 R508 R507 R508 R509	R500	06E24527S01	33K ohm			
R504 R505 06E24528S01 82K ohm R505 06E24528S01 3.9K ohm R506 R507 06E24528S01 820 ohm R508 06E24528S01 820 ohm R509 06E24528S01 680 ohm R510 06E24524S01 2.2 ohm R511 06E24524S01 2.2 ohm R512 06E24518S01 12K ohm R513 06E24518S01 22 ohm R514 06E24531S01 4.7K ohm R515 06E2453S01 820 ohm R516 06E2453S01 4.7K ohm R600 06E24523S01 2.7K ohm R601 06E24523S01 2.7K ohm R602 06E2452SS01 4.7K ohm Capacitors R603 06E2453S01 4.7K ohm Capacitors R603 06E24514S01 10K ohm R604 06E24514S01 10K ohm C166 08E2468S01 ELY., 22μF / 16V R604 06E24514S01 10K ohm C166 08E2468S01 ELY., 22μF / 16V C166 08E2468S01 CP., 0.1μF C2 ohm C166	R502	06E24518S01	18K ohm	Diod	e	
R505 06E24528S01 3.9K ohm	R503	06E24517S01	16K ohm	D540	48E24504S01	MA142WK
R506 06E24527S01 33K ohm R507 06E24535S01 820 ohm R508 06E24528S01 39K ohm R509 06E24534S01 680 ohm R510 06E24524S01 2.2 ohm R512 06E24515S01 12K ohm R513 06E24519S01 22 ohm R514 06E24531S01 4.7K ohm R515 06E2453S01 820 ohm R516 06E2453S01 32K ohm R516 06E24531S01 4.7K ohm R600 06E24531S01 4.7K ohm R600 06E2452S01 27K ohm R602 06E2452S01 330 ohm R603 06E2453S01 47K ohm R603 06E2453S01 47K ohm R604 06E2453S01 10K ohm R604 06E24518S01 10K ohm R605 06E24518S01 10K ohm R606 06E24518S01 10K ohm R607 06E24518S01 10K ohm R608 06E24518S01 10K ohm R607 06E24518S01 10K ohm R608 06E24518S01 10K ohm R608 06E24518S01 10K ohm R608 06E24518S01 10K ohm R609 06E24518S01 10K ohm C166 08E2468S01 CP., 0.1 µF 0.0 µF 0	R504	06E24536S01	82K ohm	11		
R507 06E24535S01 820 ohm 1900 24E24678S01 Inductor, 100μH 1900 25E24677S01 Transformer, Power 3000559 1900	R505	06E24528S01	3.9K ohm			
R507 06E24535S01 820 ohm 1900 24E24678S01 Inductor, 100μH T900 25E24677S01 Transformer, Power 3000559 R509 06E24534S01 2.2 ohm Sittle Si						
R508 06E24529S01 39K ohm R509 06E24524S01 2.2 ohm R510 06E24524S01 2.2 ohm R512 06E24515S01 12K ohm R513 06E24519S01 22 ohm R514 06E24531S01 4.7K ohm R515 06E24531S01 4.7K ohm R601 06E24531S01 4.7K ohm R600 06E24531S01 4.7K ohm R601 06E2453S01 27K ohm R602 06E2453S01 330 ohm R603 06E2453S01 47K ohm R604 06E24514S01 10K ohm C166 32E24688S01 ELY., 220µF / 10V E162 23E2468S01 ELY., 22µF / 16V E163	R506	1				
R509 06E24534S01 680 ohm R510 06E24524S01 2.2 ohm Switches / Fuse	R507	ı		11	1	The state of the s
R510 06E24524S01 2.2 ohm Switches / Fuse S500 40E24281S01 Slide, ESD11H120 (POWER) S501 40E24281S01 Slide, ESD11H120 (POWER) S501 40E24281S01 Slide, ESD11H120 (POWER) S501 40E24281S01 Slide, ESD11H120 (DIMMER) S501 40E24281S01 Slide, ESD11H120 (POWER) S501 40E24281S01 Slide, ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) S104 ESD11H120 (POWER) E	R508	1		T900	25E24677S01	Transformer, Power 3000559
R511 06E24524S01 2.2 ohm Switches / Fuse S500 40E24281S01 Slide, ESD11H120 (POWER) S501 40E24281S01 Slide, ESD11H120 (POWER) S501 40E24281S01 Slide, ESD11H120 (DIMMER) S501 40E24281S01 Slide, ESD11H120 (POWER) S104 ESD11H120 (POWER) S501 40E24281S01 Slide, ESD11H120 (POWER) S104 ESD11H120 (POWER) S501 40E24281S01 Slide, ESD11H120 (POWER) S501 40E24281S01 Slide, ESD11H120 (POWER) S501 40E24281S01 Slide, ESD11H120 (POWER) S501 40E24281S01 Slide, ESD11H120 (POWER) S501 40E24281S01 Slide, ESD11H120 (POWER) S501 40E24281S01 Slide, ESD11H120 (POWER) S501 40E24281S01 Slide, ESD11H120 (POWER) S501 40E24281S01 Slide, ESD11H120 (POWER) S501 40E24281S01 Slide, ESD11H120 (POWER) S501 40E24281S01 Slide, ESD11H120 (POWER) S501 40E24281S01 Slide, ESD11H120 (POWER) S501 40E24281S01 Slide, ESD11H120 (POWER) S501 40E24281S01 Slide, ESD11H120 (POWER) S501 40E24281S01 Slide, ESD11H120 (POWER) S501 40E24281S01 Slide, ESD11H120 (POWER) S501 40E24281S01 Slide, ESD11H120 (POWER) S501 40E24281S01 Slide, ESD11H120 (POWER) S501 40E242	R509		i			
R512	R510	06E24524S01	2.2 ohm	 		
R512	DE11	06E24524S01	2.2 ohm	Swit	ches / Fuse	
R513 R514 D6E24531S01 R515 D6E24531S01 R516 D6E24531S01 R516 D6E24531S01 R516 D6E24531S01 R516 R600 D6E24531S01 R601 D6E24531S01 R601 D6E24531S01 R602 D6E24532S01 R602 D6E24532S01 R603 D6E24532S01 R604 D6E24532S01 R604 D6E24532S01 R605 R606 R606 R607 D6E24532S01 R608 R608 D6E24532S01 R609 D6E24532S01 R609 D6E24532S01 R609 D6E24532S01 R609 D6E24532S01 R609 D6E24532S01 D0E24532S01 D0E324532S01		1 -				Slide, ESD11H120 (POWER)
R514		Į.		11	1	
R515 06E24535S01 820 ohm F540 65E24287S01 Fuse, CCP2E13 (0.52A) R516 06E24531S01 4.7K ohm R600 06E24531S01 4.7K ohm R601 06E24523S01 27K ohm R602 06E24525S01 330 ohm R603 06E24532S01 47K ohm R604 06E24514S01 10K ohm R604 06E24514S01 10K ohm R605 06E24514S01 10K ohm R606 08E24648S01 ELY., 220μF / 10V E162 23E24689S01 ELY., 100μF / 6.3V E163 23E24690S01 ELY., 22μF / 16V C166 08E24648S01 CP., 0.1μF	•	I		11		'
R516	· ·	1		F540	65E24287S01	l' ·
R600 06E24531S01 4.7K ohm R601 06E24523S01 27K ohm R602 06E24525S01 330 ohm R603 06E24532S01 47K ohm R604 06E24514S01 10K ohm R604 06E24514S01 10K ohm R605 08E24648S01 ELY., 220μF / 10V E162 23E24689S01 ELY., 100μF / 6.3V E163 23E24690S01 ELY., 22μF / 16V C166 08E24648S01 CP., 0.1μF	H515	00024000001			15522.25.55	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
R601 06E24523S01 27K ohm R602 06E24525S01 330 ohm R603 06E24532S01 47K ohm R604 06E24514S01 10K ohm R604 06E24514S01 10K ohm R605 06E24514S01 10K ohm R606 06E24514S01 10K ohm R607 06E24514S01 10K ohm R608 06E24514S01 10K ohm R609 06E24514S01 10K ohm R609 06E24514S01 10K ohm R609 06E24514S01 10K ohm R609 06E24514S01 10K ohm R609 06E24514S01 10K ohm R609 06E24514S01 10K ohm R609 06E24514S01 10K ohm R609 06E24514S01 10K ohm R609 06E24514S01 10K ohm R609 06E24514S01 10K ohm R609 06E24514S01 10K ohm R609 06E24514S01 10K ohm R609 06E24514S01 10K ohm R609 06E24514S01 10K ohm R609 06E24514S01 10K ohm R609 06E24514S01 10K ohm R609 06E24514S01 10K ohm	R516	06E24531S01	4.7K ohm	1		
R602 06E24525S01 330 ohm E161 23E24688S01 ELY., 220μF / 10V R603 06E24532S01 47K ohm E162 23E24689S01 ELY., 100μF / 6.3V E163 23E24690S01 ELY., 22μF / 16V C166 08E24648S01 CP., 0.1μF	R600	06E24531S01	4.7K ohm			
R602 06E24525S01 330 ohm E161 23E24688S01 ELY., 220μF / 10V R603 06E24532S01 47K ohm E162 23E24689S01 ELY., 100μF / 6.3V E163 23E24690S01 ELY., 22μF / 16V C166 08E24648S01 CP., 0.1μF	R601	06E24523S01	27K ohm	Cap	acitors	
R604 06E24514S01 10K ohm C166 08E24648S01 CP., 0.1µF	R602	06E24525S01	330 ohm			· ·
R604 06E24514S01 10K ohm C166 08E24648S01 CP., 0.1µF	R603	06E24532S01	47K ohm	E162	23E24689S01	
0107 0070404004 00 0145				E163	23E24690S01	ELY., 22μF / 16V
0407 00004 00 0445	R604	06E24514S01	10K ohm	C166	08E24648S01	CP., 0.1μF
	1	06E24532S01	47K ohm	C167	08E24648S01	CP., 0.1μF
				<u> </u>		

Symbol Part No. Description No. No. Description No. Description No. No. Descript	
Cis8 08E24868S01 CP., 2200pF E440 23E24869S01 ELY. 100µF / 6.3V E541 23E24869S01 ELY. 22µF / 16V E541 23E24869S01 ELY. 22µF / 16V C300 08E24686S01 DE07075L470J3K, 47pF C301 08E24686S01 DE07075L470J3K, 47pF C302 08E24686S01 DE07075L470J3K, 47pF C303 08E2465S01 CP., 0.22µF C399 08E2454S01 CP., 0.22µF C799 08E2454S01 CP., 0.22µF C899 08E2454S01 CP., 0.22µF C899 08E2454S01 T00 ohm T170 08E24512S01 T00 ohm T171 08E24512S01 T00 ohm T172 08E24512S01 T8K ohm T174 08E24512S01 T8K ohm T175 08E24513S01 T8K ohm T176 08E24683S01 T8K ohm T177 08E2461S01 T8K ohm T187 08E2468S01 T8K ohm T187 08E2468S01 T8K ohm T187 08E2461S01 T8K ohm T847 08E2461S01 T8K ohm T847 08E2461S01 T8K ohm T848 08E2461S01 T8K ohm T848 08E2461S01 T8K ohm T848 08E2461S01 T8K ohm T850 08E2460S01 T8K oh	
E440 23E24889S01 ELY., 100µF / 6.3V E540 23E2489S01 ELY., 23µF / 16V E941 23E2489S01 ELY., 22µF / 16V E900 08E2489S01 ELY., 20µF / 16V E900 08E2489S01 ELY., 100µF / 16V DE0707SL470J3K, 47pF DE0707SL470J3K, 47pF DE0707SL470J3K, 47pF C999 08E24854S01 CP., 100µF / 16V CP., 100µF /	
E540 28E2469S01 ELY., 33µF / 16V EC41 28E2469S01 ELY., 22µF / 16V ECOV1J124JM, 0.12µF E900 28E2469S01 ELY., 100µF / 16V DE07075L47UJK, 47pF DE07075L47UJK, 47pF DE07075L47UJK, 47pF DE07075L47UJK, 47pF DE07075L47UJK, 47pF CP., 0.02µF CP., 1000pF DE07075L47UJK, 47pF DE07075L47	
E541 23E24690S01 ELY., 22µF / 16V ECQV1/1741M, 0.12µF E000 08E24686S01 DE70751A70JK, 47pF DE70751A70JK, 47pF DE70751A70JK, 47pF DE70751A70JK, 47pF DE70751A70JK, 47pF DE70751A70JK, 47pF DE70751A70JK, 47pF DE70751A70JK, 47pF CP., 0.022µF CP., 1000p	
C900	
E900 23E24698S01 C901 08E24686S01 DE0707SL47UJSK, 47pF DE0707SL47UJSK, 47pF DE0707SL47UJSK, 47pF C903 08E24654S01 CP., 0.022µF CP., 0.022µF CP., 1000pF CP., 0.022µF CP., 1000pF CP., 1000	
C901 08E24688S01 DE0707SL47U3K, 47pF C902 08E24688S01 DE0707SL47U3K, 47pF C903 08E24645S01 CP., 0.022µF CP., 1000pF (All resistors are chip 1/10W±5% unless otherwise noted.) R170 08E24512S01 100 ohm R171 08E24512S01 100 ohm R172 08E24512S01 100 ohm R173 08E24518S01 18K ohm R174 08E24513S01 1K ohm R174 08E24613S01 1K ohm R174 08E24613S01 1BK ohm R174 08E2468S01 ERGISG150P, 15 ohm 1W R548 08E2468S01 B20 ohm R547 08E24616S01 180 ohm 1/4W R549 08E24616S01 180 ohm 1/4W R549 08E2461S01 180 ohm 1/4W R550 08E24680S01 ERGISG120P, 12 ohm 1W R550 08E24680S01 ERGISG120P, 12 ohm 1W RS50 08E24680S01 ERGISG120P, 12 ohm 1W RS50 08E24513S01 1K ohm RS50 08E24680S01 ERGISG120P, 12 ohm 1W RS50 08E24680S01 ERGISG120P, 12 ohm 1W RS50 08E24513S01 1K ohm RS50 08E24680S01 ERGISG120P, 12 ohm 1W RS50 08E24513S01 1K ohm RS50 08E24680S01 ERGISG120P, 12 ohm 1W RS50 08E24513S01 1K ohm	
C902 C903 C909 C909 C909 C909 C909 C909 C909	
C999 08E2454S01 CP., 0.022µF CP., 1000pF	
C999 08E24545S01 CP., 1000pF	
CAll resistors are chip 1/10W±5% unless otherwise noted.) R170	
Resistors	
Resistors	
R170 06E24512S01 100 ohm R171 06E24512S01 100 ohm R172 06E24512S01 100 ohm R173 06E24512S01 18K ohm R174 06E24513S01 11K ohm R545 06E24683S01 620 ohm R546 06E24681S01 ERG1SG150P, 15 ohm 1W R548 06E24618S01 180 ohm 1/4W R549 06E24618S01 ERG1SG12OP, 12 ohm 1W R550 06E24680S01 ERG1SG12OP, 12 ohm 1W R551 06E24680S01 ERG1SG12OP, 12 ohm 1W R551 06E24680S01 ERG1SG12OP, 12 ohm 1W R550 06E24513S01 ERG1SG12OP, 12 ohm 1W R550 06E24513S01 ERG1SG12OP, 12 ohm 1W R550 06E2480S01 ERG1SG12OP, 12 ohm 1W R550 06E2480S01 ERG1SG12OP, 12 ohm 1W R550 06E2480S01 ERG1SG12OP, 12 ohm 1W R550 06E2450S01 ERG1SG12OP, 12 ohm 1W R550 06E245	
R170	
R172 06E24512S01 100 ohm 18K ohm 18K ohm 16E24513S01 1K ohm 1	
R172	
R173	
R174	
R546	
R546	
R547 08E24681S01 ERG1SG150P, 15 ohm 1W R548 06E24616S01 180 ohm 1/4W R549 06E246680S01 ERG1SG120P, 12 ohm 1W R550 06E24680S01 ERG1SG120P, 12 ohm 1W R900 06E24513S01 1K ohm SUB (2) P.C.Board IC IC405 51E24290S01 PNA4602M00LB	
R548	
R549 06E24616S01 180 ohm 1/4W R550 06E24680S01 ERG1SG120P, 12 ohm 1W R551 06E24680S01 ERG1SG120P, 12 ohm 1W R900 06E24513S01 1K ohm SUB (2) P.C.Board IC IC405 51E24290S01 PNA4602M00LB	
R550	
R551 06E24680S01 ERG1SG120P, 12 ohm 1W 1K ohm SUB (2) P.C.Board IC IC405 51E24290S01 PNA4602M00LB	
R551 06E24680S01 ERG1SG120P, 12 ohm 1W 1K ohm SUB (2) P.C.Board IC IC405 51E24290S01 PNA4602M00LB	
SUB (2) P.C.Board IC IC405 51E24290S01 PNA4602M00LB LED LED	
SUB (2) P.C.Board IC IC405 51E24290S01 PNA4602M00LB	
IC 1C405 51E24290\$01 PNA4602M00LB LED	
IC 1C405 51E24290\$01 PNA4602M00LB LED	
IC 1C405 51E24290S01 PNA4602M00LB LED	
IC405 51E24290S01 PNA4602M00LB	
LED	
Miscellaneous	
ET201 09E24707S01 16P Connector	
(From AV Interface Unit)	
LCD901 01E24708S01 Assy., LCD Unit (Included	
Assy., Control P.C.Board)	
VR160 18E24288S01 Volume, 5K ohm (VOLUME)	

Parts Layout on P.C.Boards and Wiring Diagram

TVE-M006P

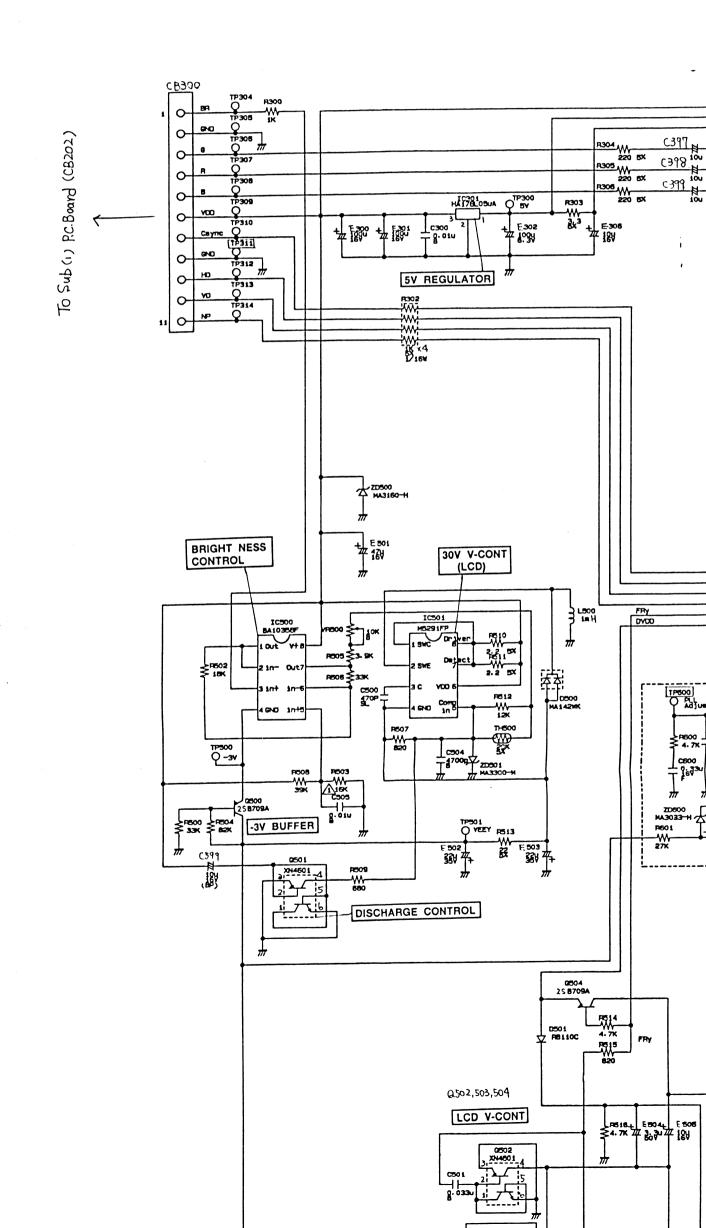
All P.C.Boards viewed from soldered side.

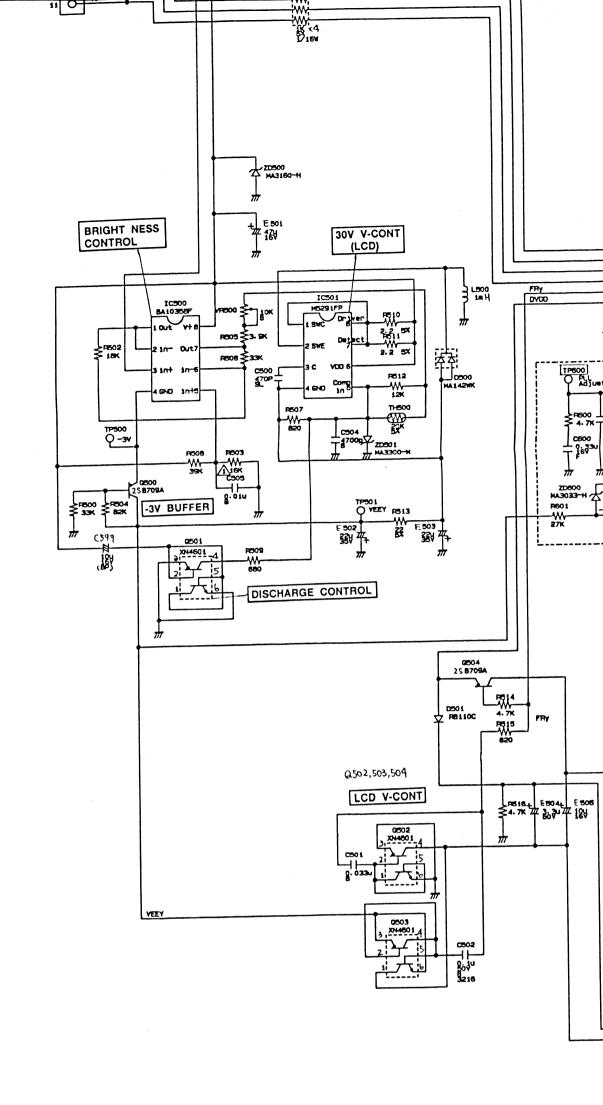


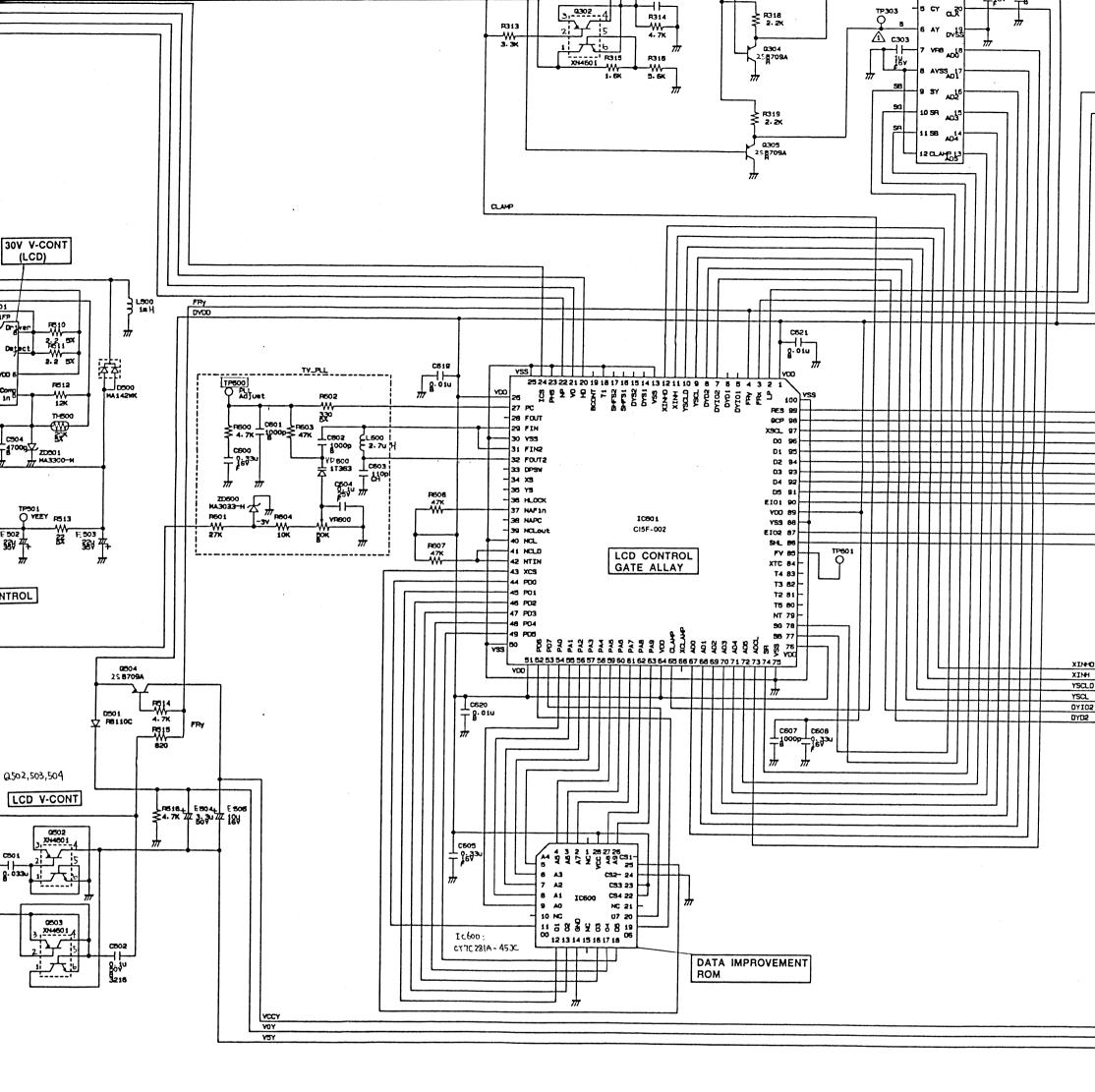
Orange Color Pattern : Component Side Pattern
Blue Color Pattern : Foil Side Pattern

| B | C | D | E | G

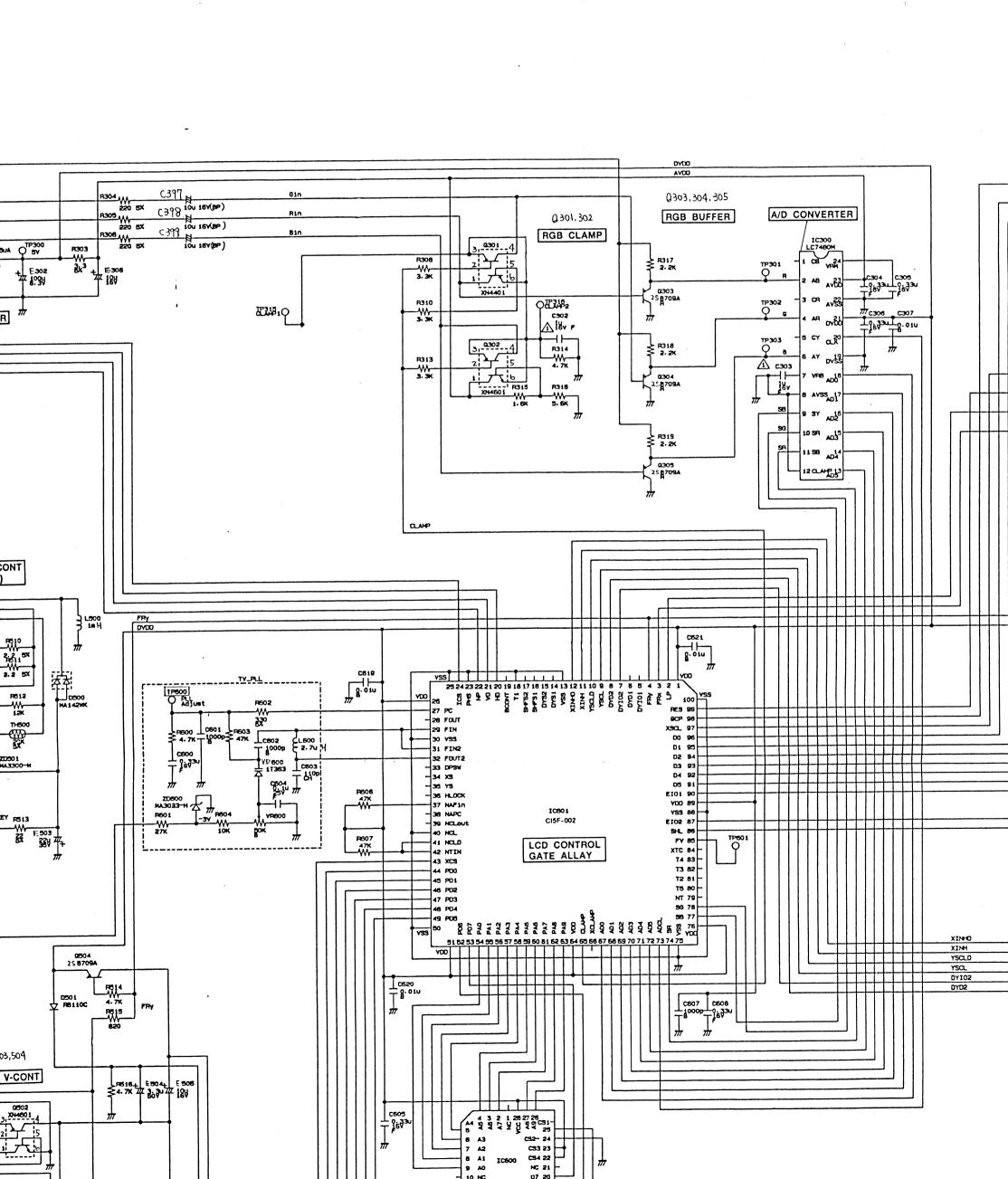
Schematic Diagram (1/2)

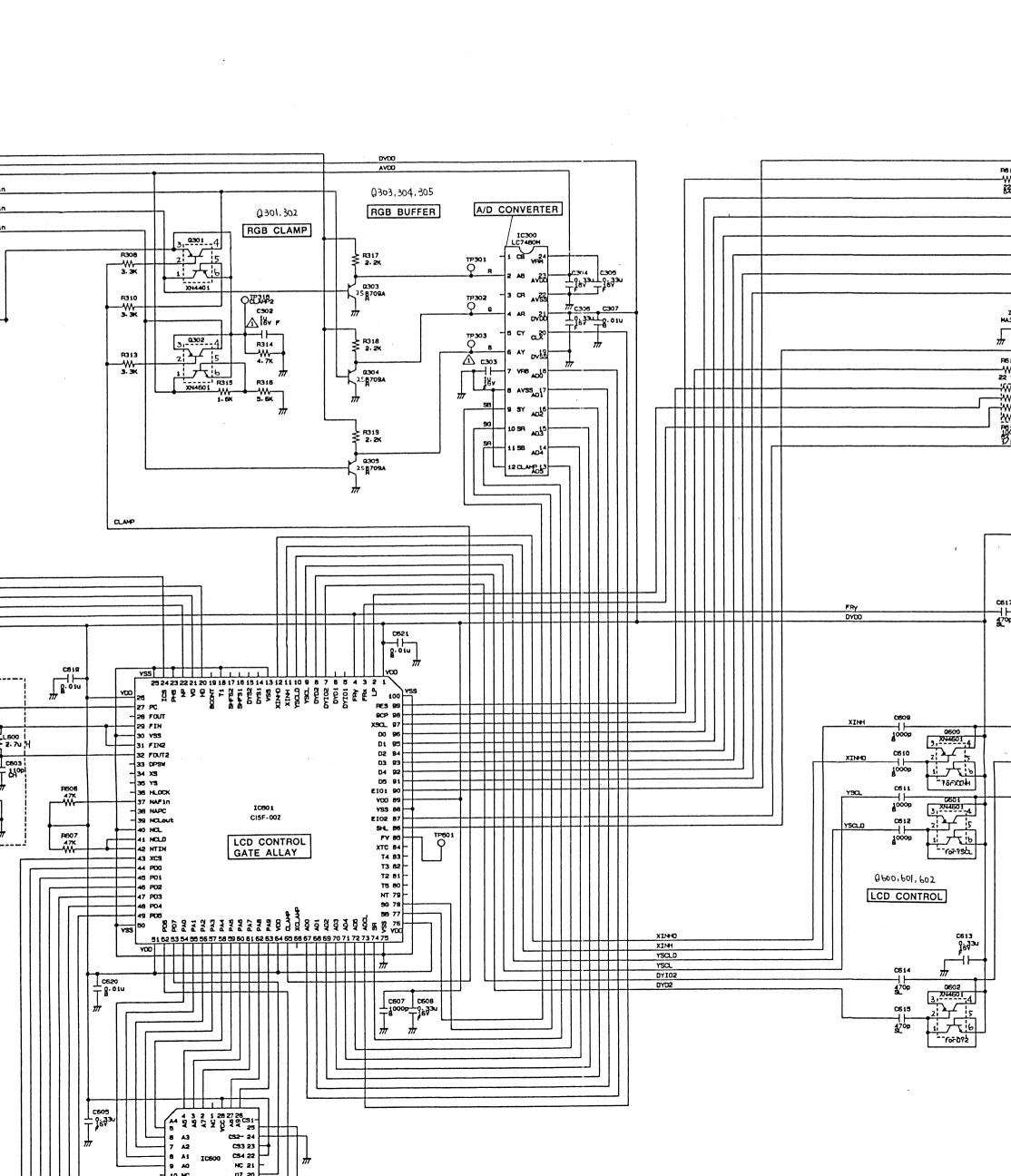


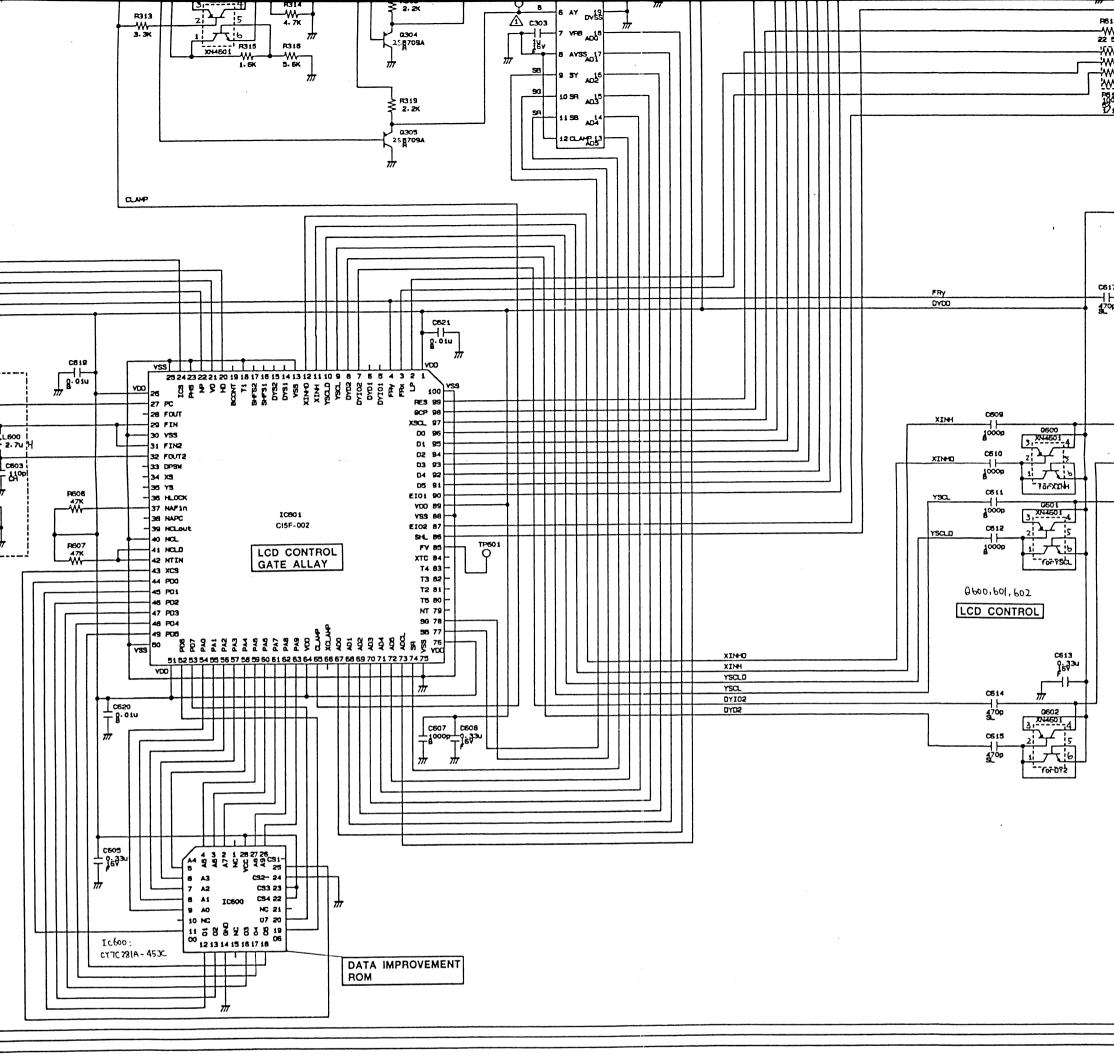




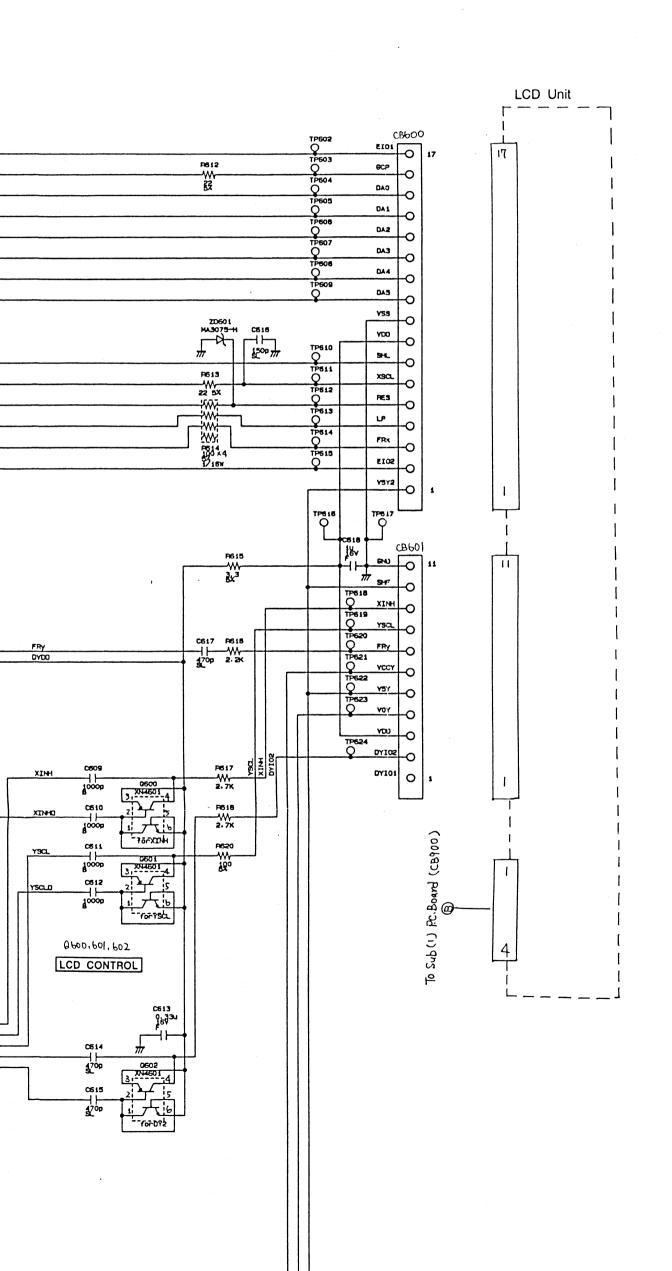
Control P.C.Board

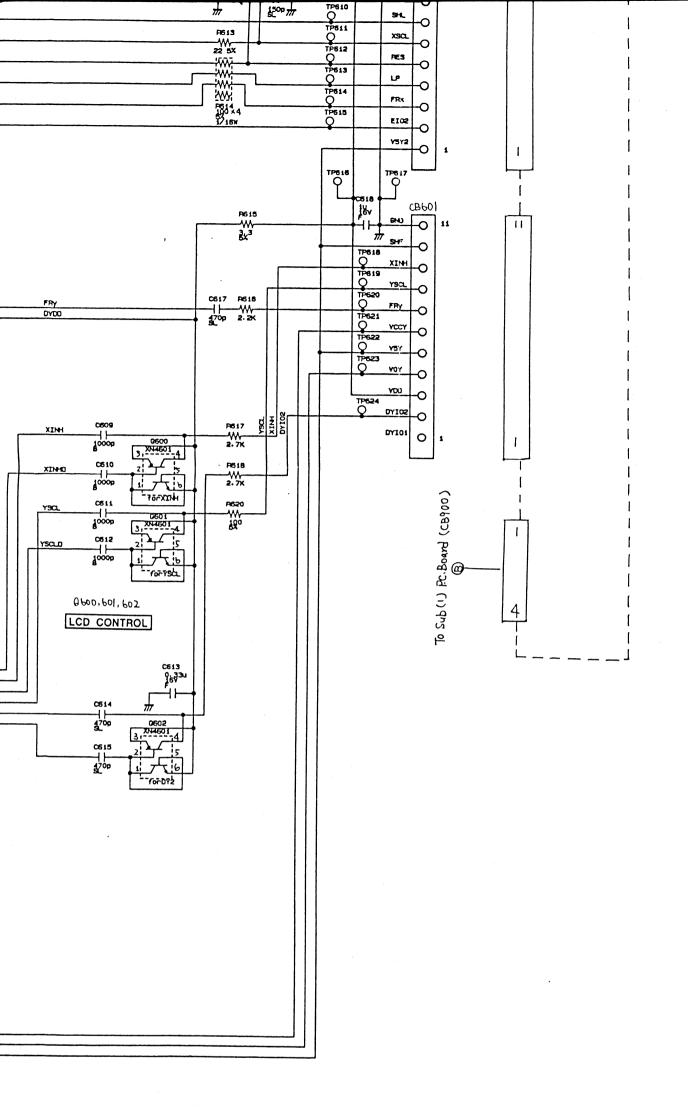




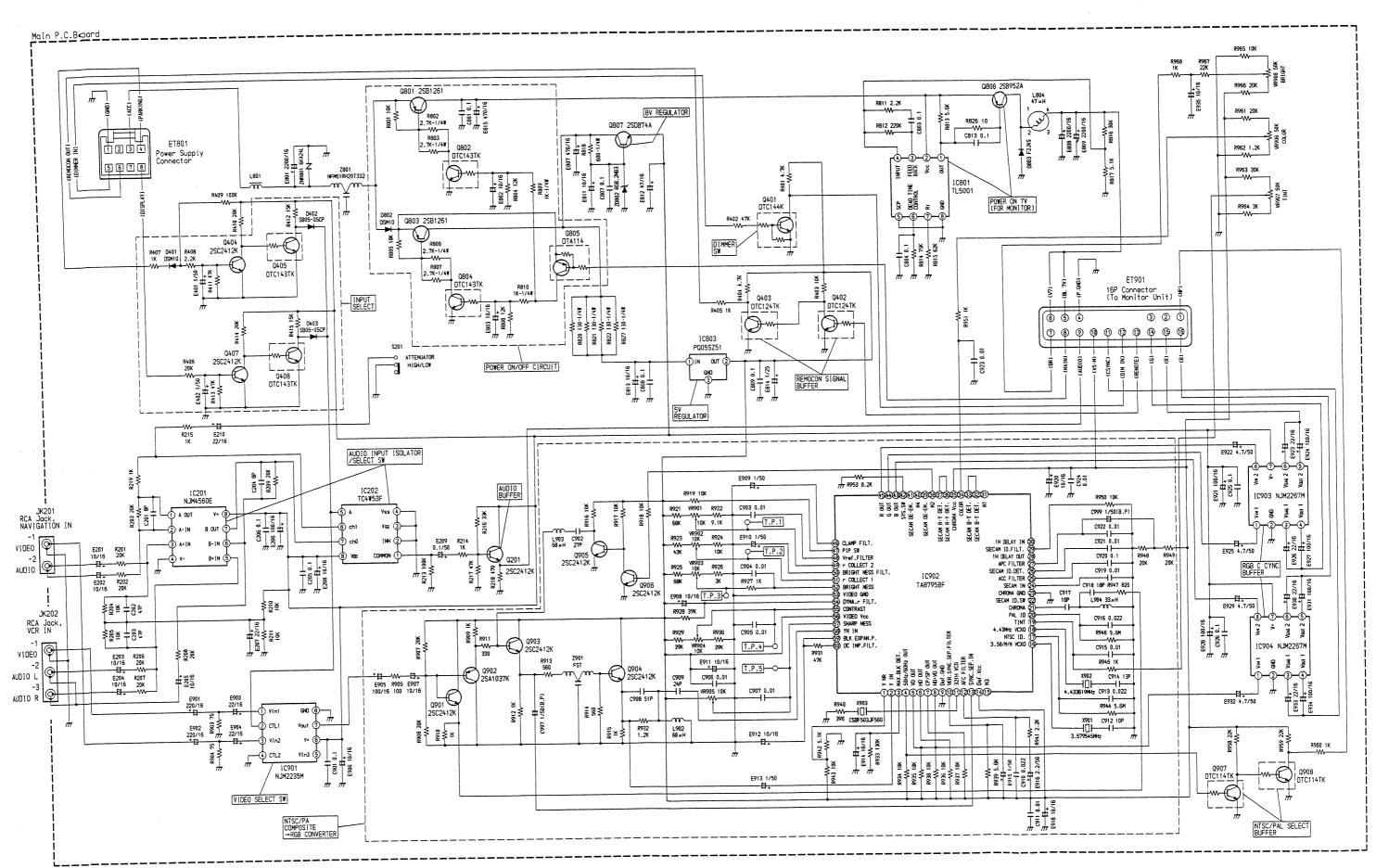


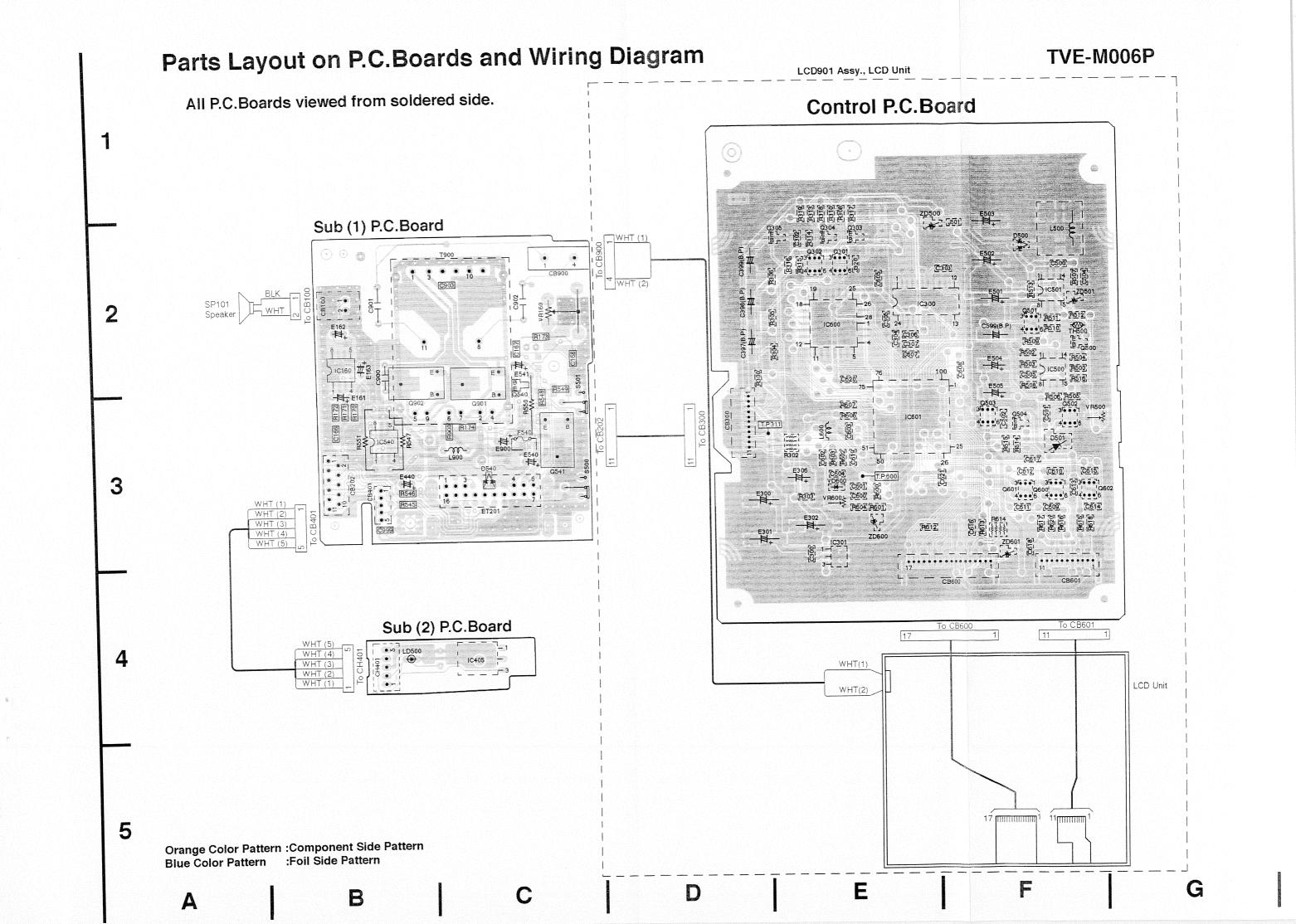
Control P.C.Board





Schematic Diagram





Cabinet Assembly Parts List

